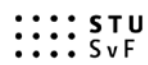


**CONTEXT/CONCEPT**

**2021**



SLOVAK UNIVERSITY OF  
TECHNOLOGY IN BRATISLAVA  
FACULTY OF CIVIL ENGINEERING

# CONTEXT/CONCEPT

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## Concept/Context in architecture

Speaking about contextual and conceptual approach in architectural design process leads to understanding a main legible line in design process in our architectural thinking.

Contextual approach was successfully settled and evolved by external respected architectural personalities, positioned on our department. Connection to architectural praxis is one of the main and prevailing vantage point in architectural education.

Our department continues in tradition of Czechoslovakian functionalism – connecting architecture and civil engineering. Nowadays challenges moves architectural knowledge forwards to terms of urban design, sustainability and social scale of architecture.

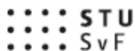
Conceptual approach, on the other hand, is emitted naturally by young architect's minds. Creative endeavor seems to be prevailing as a way of thinking for next generation. Conceptual language of architecture may not always be widely understandable, readable and acceptable.

Conceptual approach is often connected to individuality, what makes him appropriate for narrow group.

Conceptual approach often brings a tickle of sensation and uniqueness, so tempting in so called over-architected society. Contextual approach needs the whole knowledge tree of architectural education. Is considered more tenable and widely acceptable. This kind of architectural approach in education is more suitable for team work, with multi-disciplinary connections.

Architecture evolves more and more complicated, but should never suppress individuality and spirit of creator and users audience.

Further demands for energetic efficiency of buildings offers challenge to define attitude for “effective architecture” in complexity, from initial outline heading to final social, esthetical and economical evaluation in long term horizon.



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FACULTY OF CIVIL ENGINEERING

Poster /by author/ for architectural exhibition focused on contextual and conceptual thinking in architecture design and architectural education system.

DEPARTMENT OF ARCHITECTURE / SLOVAK UNIVERSITY OF TECHNOLOGY / FACULTY OF CIVIL ENGINEERING  
KINDLY INVITES YOU TO EXHIBITION:

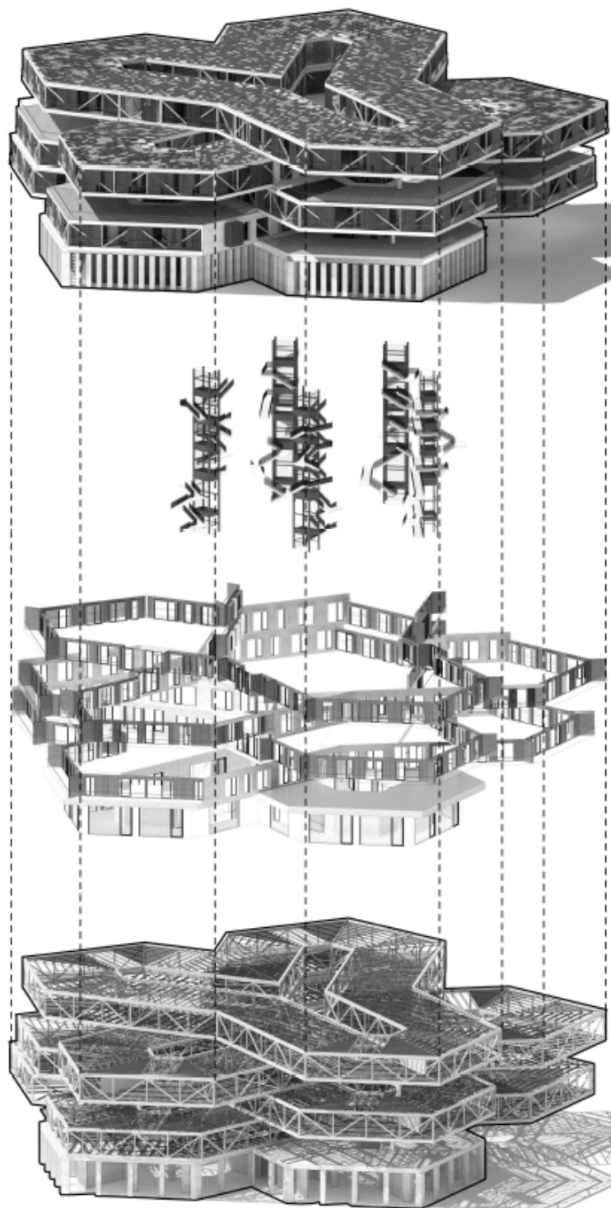
## CONTEXTUAL/VIII/CONCEPTUAL

Speaking about contextual and conceptual approach in architectural design process leads to understanding a main legible line in teaching process in our architectural education. Contextual approach was successfully settled and evolved by external respected architectural personalities, positioned on our department. Connection to architectural praxis is one of the main and prevailing vantage point in architectural education. Our department continues in tradition of Czechoslovakian functionalism connecting architecture and civil engineering. Nowadays challenges moves architectural knowledge forwards to terms of urban design, sustainability and social dimension of architecture. Conceptual approach, on the other hand, is emitted naturally by young architect's minds.

EVENT DATE: 29/04/2019 - 10/05/2019

EVENT PLACE: EXHIBITION AREA / FACULTY OF CIVIL ENGINEERING / SECOND FLOOR

CURRATOR: JOZEF KURÁŇ



Many local and foreign architects, artists and theoreticians of architecture and history currently act on the Department of Architecture of Faculty of Civil Engineering at STU Bratislava, helping to form and establish the architectural thinking for this school, with the visible advancement. Exhibitions of works, projects and contest designs, reflects the opinion of the Department of Architecture on the current architectural trends in work which students submit by creativity to the level of architectural detail. Today's lectures on the Faculty of Civil Engineering follow the principals of education of the former Faculty of Civil Engineering and Building Construction.

Importance of establishing an architecture design process methodology is imminent. With contribution of respected architectural and theoretical personalities we managed to agree to establish similar approach. This approach is based on four basic steps.

First the analyses of surroundings in "large" scale and "site" scale. The contextual approach considers this analyses and connections to surrounding essential.

Idea development is the second step. Ideas are mainly based on cultural context or symbolic context. Significantly symbolic buildings are influenced by conceptual approach. Also ambitious building, urban icons are expected to bear strong visual language. Humble architecture talks more sophisticated and often reaches for architectural awards and wide social valuation. Times have changed. Rational architecture design prevails in nowadays complex and complicated building design process.

Operational program placement and optimization follows. In this stage the building functions are placed and established.

Structural solution defines architectural design as building. Important is suitable material solution, also in terms of surface design.

I consider heavily important to declare that there should not exist one and only accepted architectural approach. This can be dangerous to diversity of thinking and to evolution of architectural design approach to upcoming challenges of near future. Individual approach and individual responsibility defines architecture.

Terms of sustainability should be not questioned. Energetic sustainability is certainly taken into account. Another faces of sustainability like economic, social, structural sustainability should be natural part of any project.

It is clear that lucid and rational design process leads to successful architectural proposal.

Important part for architectural design process and architectural education is reference comparison. Therefore importance of architectural field trips is obvious. Perception of architecture "on your own" senses is irreplaceable.

Leraning on a way. Archtrip is annual field trip of our Department of Architecture, widely expected by students, architects or architecture lovers. Following the world-wide architecture by the Department of Architecture has become a pleasant tradition since the beginning of the school year. The autumn 2017 brought us in the mood of getting to know new inspirational and breath-taking places which we experienced from our own point of view and thus will remain in our memories.

This is the kind of learning which is more permanent for not only students, but also teachers than any other. The possibility of perceiving individual buildings, its surrounding, indoor spaces or its contextual connection with the city as a living organism, this moves the study of

architecture into the position of personal, subjective but mostly strong experience.

This enormous dose of feelings concentrated into four days has resonated so loudly that we decided to share and open those feelings for the public throughout the following selection of photos and texts. This is to way to keep them preserved and ready to at least partially enrich readers in the way the whole journey for architecture enriched us.

The selection of chosen buildings has lead us through the part of Germany, Switzerland, France and Luxemburg. Each one of those cities was a carrier of its own and original atmosphere and experience.



(Photo: R. Ruhig, F. Bránický, Archtrip 2017)

The opening of the winter semester will always tune the atmosphere in our department of architecture and motivate it to the new school year.

Traditionally, the 7th year of the journey to architecture – Archtrip – helped to understand various European contexts and was full of impressions from the seen. Students, pedagogues and the professional community could perceive the atmosphere of honestly selected architectures and be part of them for a moment.

In this way, combining the pleasant with usefulness is used every year, especially in subjects such as atelier creations. It is at least very important, if not the most important, to show the student the realized buildings, to learn the practices of how to look at architecture, how to read it correctly and what can be learnt from it. As a bonus, he or she finds out how he/she feels when being in different interiors, how one can be influenced by the material or form and whether he/she will want to regularly return to some of the architectural creations. In this way, not only students but all of us are educated by the architectural works, just for a few days but still all the more intense.

Thanks to Archtrip, we could have visited countries such as Switzerland, Germany or Italy.





(Photo: R. Ruhig, F. Bránický, Archtrip 2018)

During the winter semester, a series of lectures of architects and designers was held for the second time. It is intended for students of programme Building constructions and architecture at the Department of architecture and is open to all architecture lovers.

The aim of the set of lectures is to present contemporary architectural work in various forms as well as Slovak studios and personalities of architecture. The aim of the Department of Architecture is to bring together and understand the various communities active in the architectural and construction spheres which is also contributed by this set of lectures, positively evaluated by students.

This approach to teaching is highly appreciated by the students themselves. Lecturers presented their approaches and understanding of architecture through

their own creative work predominantly from their own practice. Lectures are open to the public, information about the event is disseminated through professional architectural websites and social media.



(Poster: F. Bránický, Tendencies 2018)

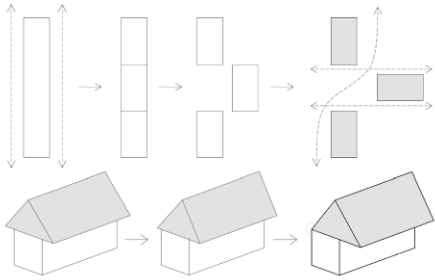
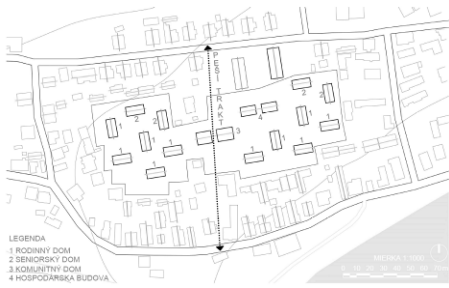
All the activities leads to better understanding the meaning of contextual and conceptual thinking in architecture.

## Community housing in Orava region, Štefanov nad Oravou



**Bc. Zuzana Babincová**

The main purpose of the project is to create a proposal for community housing in the village of Štefanov nad Oravou in the district of Tvrdošín, providing a safe environment for people of different ages approaching the ecological and especially the social way of life. It deals with a theme of one-storey to two-storey buildings consisting of family houses, a community house and a farm building. The community house building offers a wide range of uses for the social interaction of the locals in the form of a multifunctional space serving also the general public. The breeding of domestic poultry – hens in a farm building with a coop – brings a real village atmosphere to the project. The dominant greenery in the vicinity of the buildings, together with the created garden beds and common outdoor areas for relaxation, contributes to the overall improvement of this housing. The design was based on the fact that the future location of this non-traditional housing will be located in the Orava region. This region is characterized not only by its breathtaking nature, but above all by its interesting specific vernacular architecture. For this reason, the buildings were sensitively designed to provide all the needs of the people in the community, but also to preserve elements reminiscent of the appearance of traditional Orava houses.



## Hotel, Vel'ké Úl'any

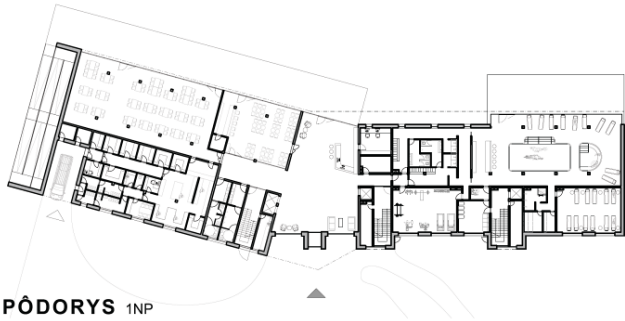


**Bc. Richard Bohony**

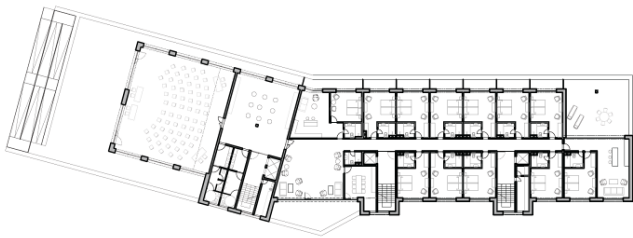
The aim of my work was to design a hotel \*\*\* class that would be able to accommodate about 60 clients. The location of the proposed hotel building in the village of Sedín is to support the development and revitalization of the area after the opencast mining of gravel. The hotel also benefits from the untapped growth potential of the surrounding area.

Aesthetic requirements are placed on a simple modern building, which with its shape and material solution fits into the natural environment of the floodplain forests of the Little Danube territory.

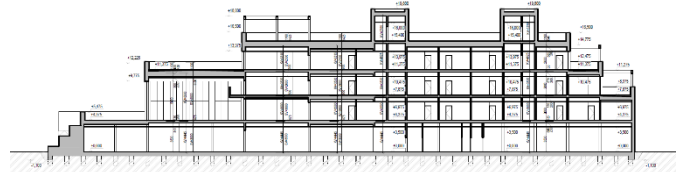
The volume of the hotel is divided into 4 operating units. In the left wing on the ground floor, there are restaurant spaces capable of accommodating approximately 100 diners. On the other floors of the left wing are conference rooms designed for 90 participants. In the right wing on the ground floor, there are located wellness and fitness. The upper floors of the right wing are designed for accommodation, it is possible to accommodate 62 guests in 25 rooms and 6 suites.



**PÔDORYS 1NP**



**PÔDORYS 2NP**

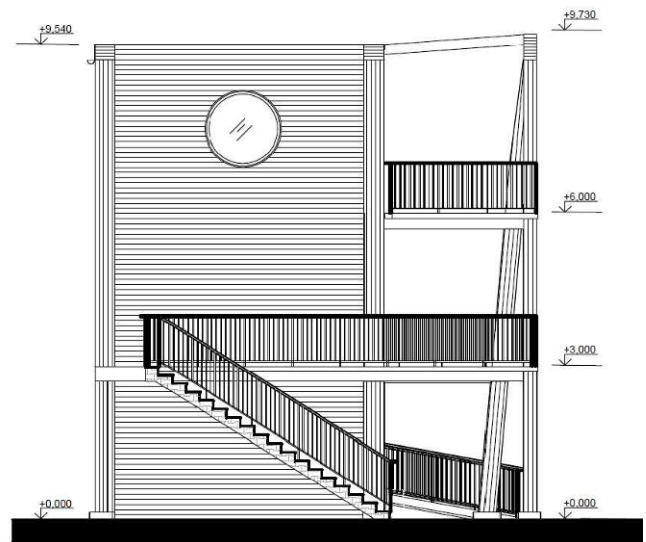
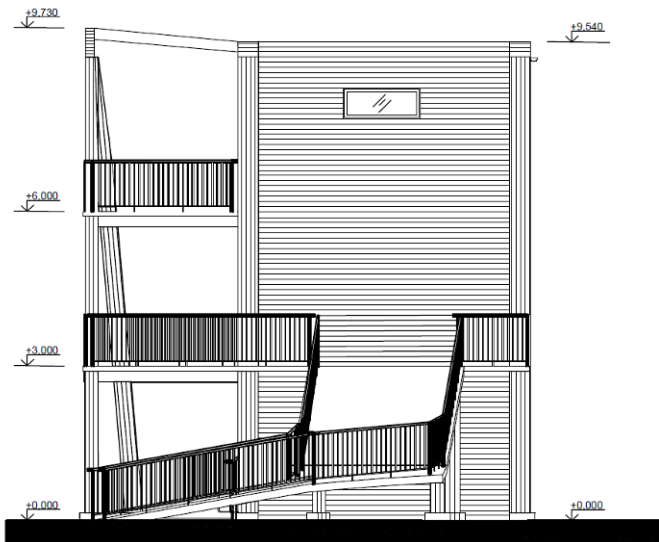


## Sports centre, Gabčíkovo



**Bc. Melinda Csibová**

This project is dedicated to the complex design of a Sports Centre in natural scene of Danube in the nearby of Gabčíkovo village. The object is a three-storey building with different types of services. There is also a place for exterior sitting and a playground. A wooden pontoon is situated at the foreshore of Danube, where people can enjoy the natural scenery.



## Hotel, Dolná Streda



**Bc. Ivana Demáková**

The assignment of this project was the design of a \*\*\* class hotel, for approximately 60 clients. The location of the proposed building is the village of Dolná Streda, which has a very important position due to the R1 expressway from Trnava to Nitra. The selected area for the hotel is near the church square with the dominant building of the church of St. Jacob, on the dam near the dead arm of the Váh, in the Zelenka recreation zone. Placing the building on the site would help revitalize the dam, contribute to the tourist potential and be used for leisure and recreation.

The floor plan lines copy the outer border of the dam. The hotel consists of four operating units. In the left part of the building on the ground floor there is a restaurant and cafe. Above this space are two smaller meeting rooms and one large conference room, which is designed for 90 people. These spaces are separated by sliding walls, so that during a large event it is possible to connect these spaces and create one large space. In the right part of the building on the ground floor there is a wellness and fitness. Above this space there are two floors intended for accommodation. There is 1 apartment and 29 rooms, which can accommodate 60 guests.



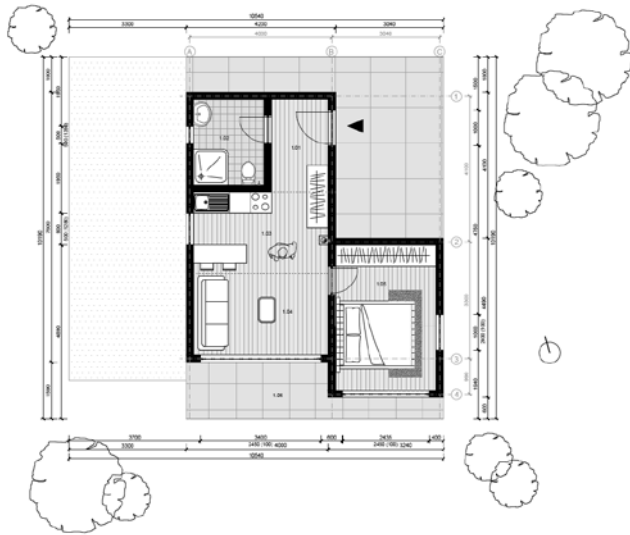


## Recreational area Poloniny

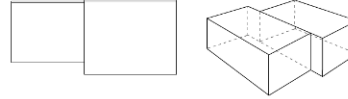


**Bc. Dominika Dzanová**

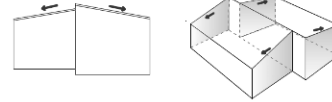
Change in cottages from the form of permanent dwelling of our ancestors to a recreational and hiking purpose influenced and affects the state and development of tourism in the country. The Dark-sky park with a minimum level of light pollution in the territory of Poloniny National Park is the first park of dark sky in Slovakia and the twentieth in the world. The place is currently increasingly and more sought-after natural tourist attraction: Almost 2000 stars (in town 200, in large town 20) can be seen. Between Kolonica and Ladomirov is astronomical observatory on the colonial saddle and the entire national park is characterized by an extraordinary concentration of endemic and endangered species of plants, mushrooms and animals. The lack of accommodation options near the advantage of the development of tourism and tourism in Eastern Slovakia. The main objective of the project is to offer a design and attractive chateaux for visitors to Poloniny at the intersection of the border of Slovakia, Ukraine and Poland. In view of the comprehensive overview of the present issue at work, present analysis of territories, locations, history, transport and natural riches of the territory along with its potential and problems.



1. Základný model predstavuje spojenie dvoch modulov.



2. Nasledovalo naklopenie striech o 12% - pultová strecha

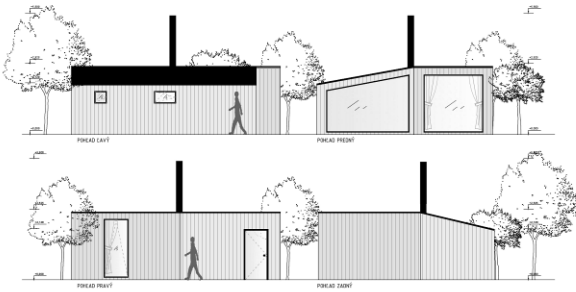


3. Sklopenie bočných stien o 9°



FINÁLNY MODEL HMOTY

Finálna hmota vznikla z dvoch modulov. Jeden modul má pultovú strechu, druhý modul má plochú strechu. Steny ostali kolmé na zem.

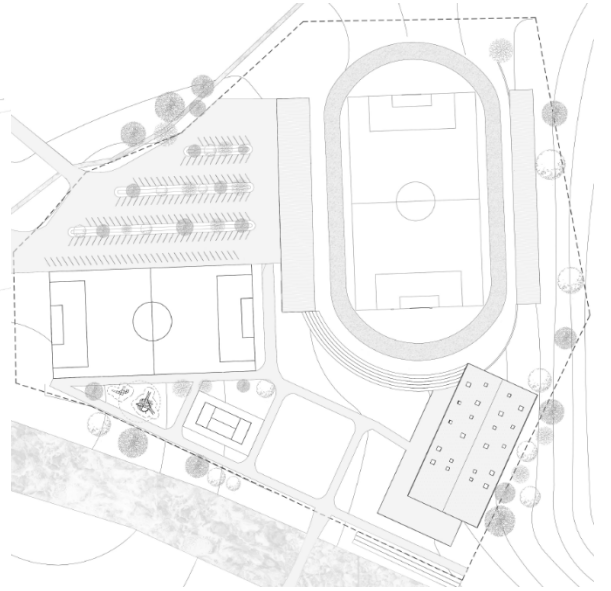
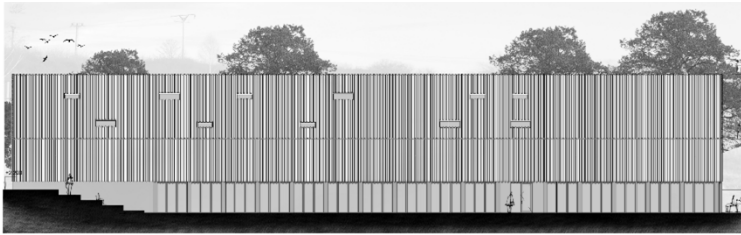
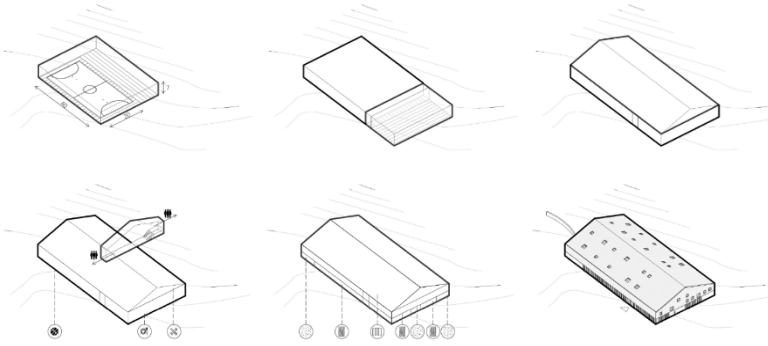


## Sports Hall Trstená



**Bc. Tibor Furdek**

The main aim of this project was to design a sport hall that will serve to public, as well as a comprehensive design of the territory. The proposal focuses on fluently process of a sport hall which has a capacity of 500 spectators as well as on the functioning of individual semi-functions. The first part of the projet deals with inspirations, sports requirements and standards. The second part deals with the basic information of the object. The third part is focused on the architectural solution of the building. The fourth part describes the proposal and the particular solution. The fifth part deals with the technical solution of the building. The aim of the work was to create an object which will not be dominant in the area, it will be simple but at the same time will be meet all necessary requirements for the fluently process of the object.

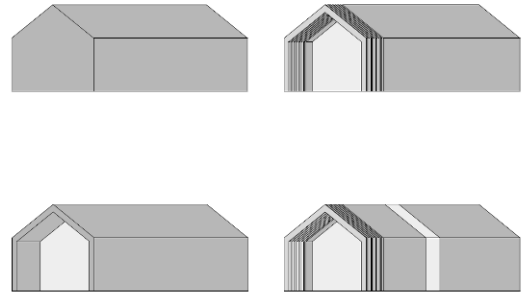
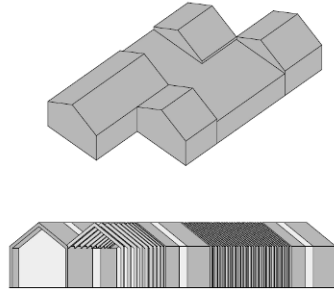
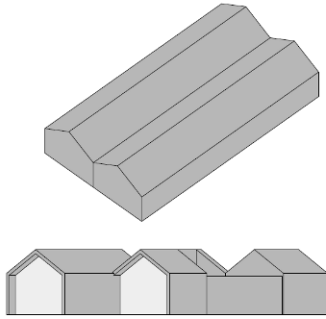


## Cottage area Lozorno



**Bc. Martin Goča**

The goal of this project is designing a recreational cottage area in the village of Lozorno. It consists of multiple buildings consisting of rental cottages, a restaurant and technical facilities. The cottages have been dimensioned in three different sizes: for two, four and six guests. The placement of the buildings within that recreational area emphasises the privacy of the accommodated guests. The restaurant covers the catering needs of guests staying within the complex, as well as casual visitors. The thesis itself is divided into six chapters. In the introductory part I focused primarily on the current state of the issue in relation to the typological preparation and normative requirements. In the subsequent two chapters I focused on the final result and on the development of massing. The remaining parts consist of an accompanying report, a technical summary report and a technical report, where I described the individual design solution and basic information relating to this structure.



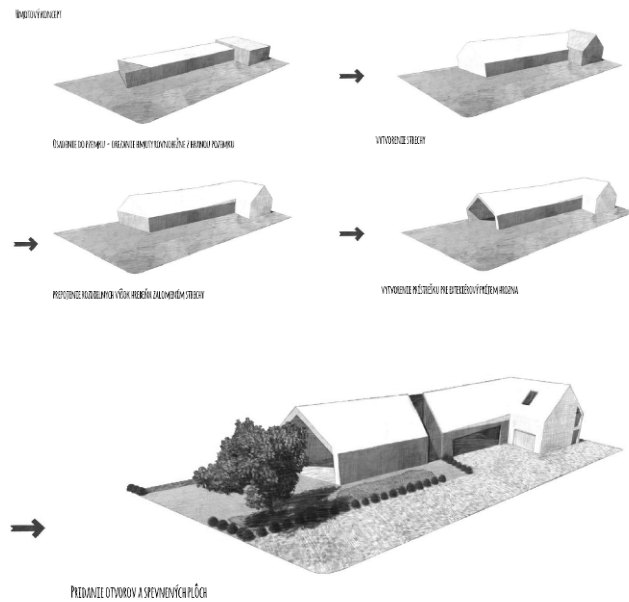
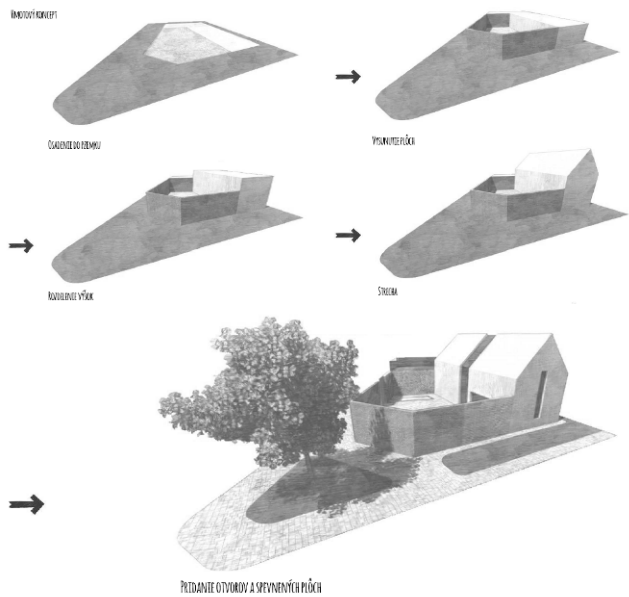
## Winery, Svätý Jur



**Bc. Ondrej Gonda**

The subject of this project is the placement of a winery in a not quite typical environment. The location of the solved area is located in the outer part of the town of Svätý Jur in the industrial zone and the plot is divided by a road. This location of the extravillain does not have an attractive architecture, therefore the philosophy of the design itself considers the closure of the space inside the site, when one does not feel the surroundings but only the object in which it is located. Since the plot is divided by a road, we also get two buildings by dividing the operations into a production part and a presentation in the form of a wine shop with a gallery and tasting. In order for the winery to function as a whole, the communication of individual zones is necessary. The most suitable way of connection is in the area of the cellar by means of an underground corridor. From the point of view of urban, dispositional-operational relations and architecture, I design the entire complex of both buildings. However, I deal in more detail only with the object of the wine shop.





## Sports Hall Trstená



**Bc. Karin Indrišková**

The purpose of this project is to create an architectural and urban project of a sports complex in the northernmost region in Slovakia – Orava, specifically in Trstená.

Assigned parcel is located in marginal part of the town and it is surrounded by residential zone with low-rise built-up area on the west side, industrial park on the south side and agricultural land on the east and north side. The area is separated from the industrial zone by the flow of the river Oravica and from the residential zone by its inflow.

The assignment was clear – to fill the incomplete, existing space in order to be named a complex. I enter the area with two football fields, grandstand building and bowling building with my project. I add a dominant feature to this area, in the form of multi-purpose sports center. The dominance of the object isn't achieved by its shape but the placing of the construction in the space.



## Kindergarten in Miloslavov



**Bc. Anežka Kašiarová**

The main aim of this project is to create a design for a kindergarten in Miloslavov, located in Senec county, circa 20 kilometres from Bratislava.

The village consists of 2 districts: Alžbetin dvor and Miloslavov. The building's design is drafted between these two districts, and in the present day, there are no existing buildings. The demand for preschool building has come right from the village administration.

The concept is in accordance with the approved local plan for the location, which should be urbanized in the near future. There are some regulations in the local plan, which distinctively affect the design of the building. The materials used and the placement of the object are connected with proposed buildings in such a way that it does not disturb the impression of an area and is a natural part of the site. Currently, there are no buildings in the area which could, in the initial phase of the design, influence the visual of the designed building, and that was taken into account while creating the basic concept.

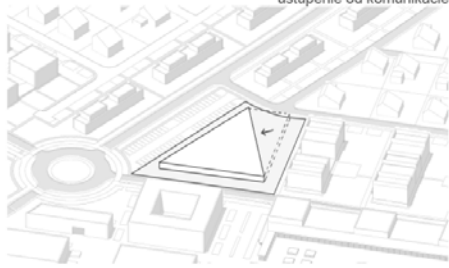
Materials and other elements create a base for the environment, which would create an impression of one compact, consecutive and complementary unit. Simultaneously, the sustainability and economy of energy requirements are incorporated in the design, as are all elements of spatial arrangement and functional structure, which are based on the fundamental needs of children given for their development in all areas.

In the design are also incorporated the demands on the teachers and other employees, which ensure the operation of the building. Functional and spatial organization is based on the regulation meant for the facilities for children and youth. At the same time, the design complies with the law about upbringing and education for facilities serving the preschool education of children.

odstupové vzdialenosti



ustúpenie od komunikácie



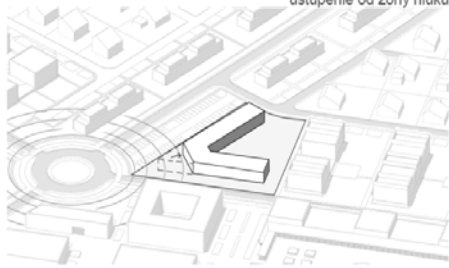
prispôsobenie výškovej úrovni okolitých budov



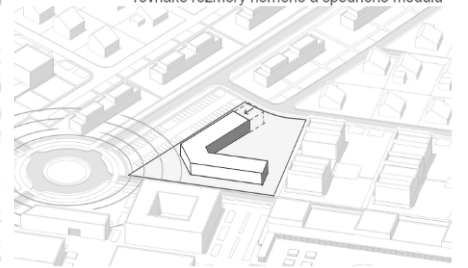
vytvorenie vnútrobloku



ustúpenie od zóny hluku



rovnaké rozmery horného a spodného modulu

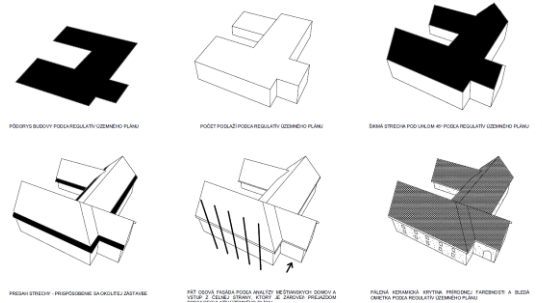
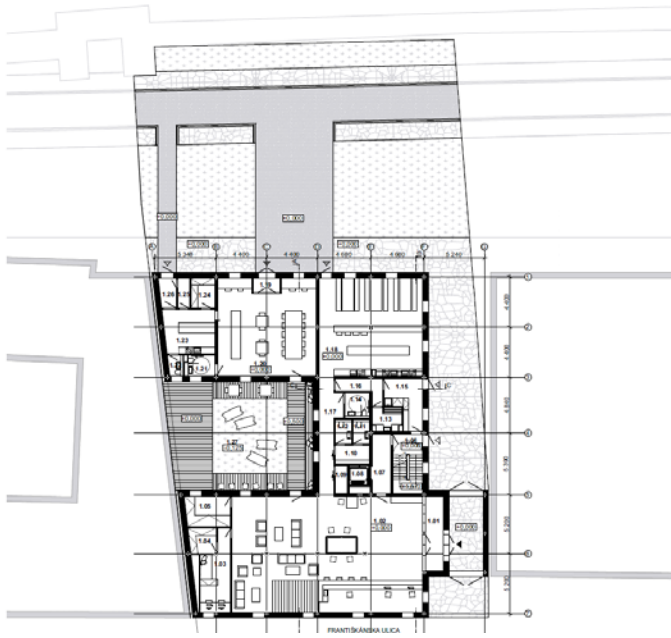


## Construction of a gap in central city zone Trnava - Hostel

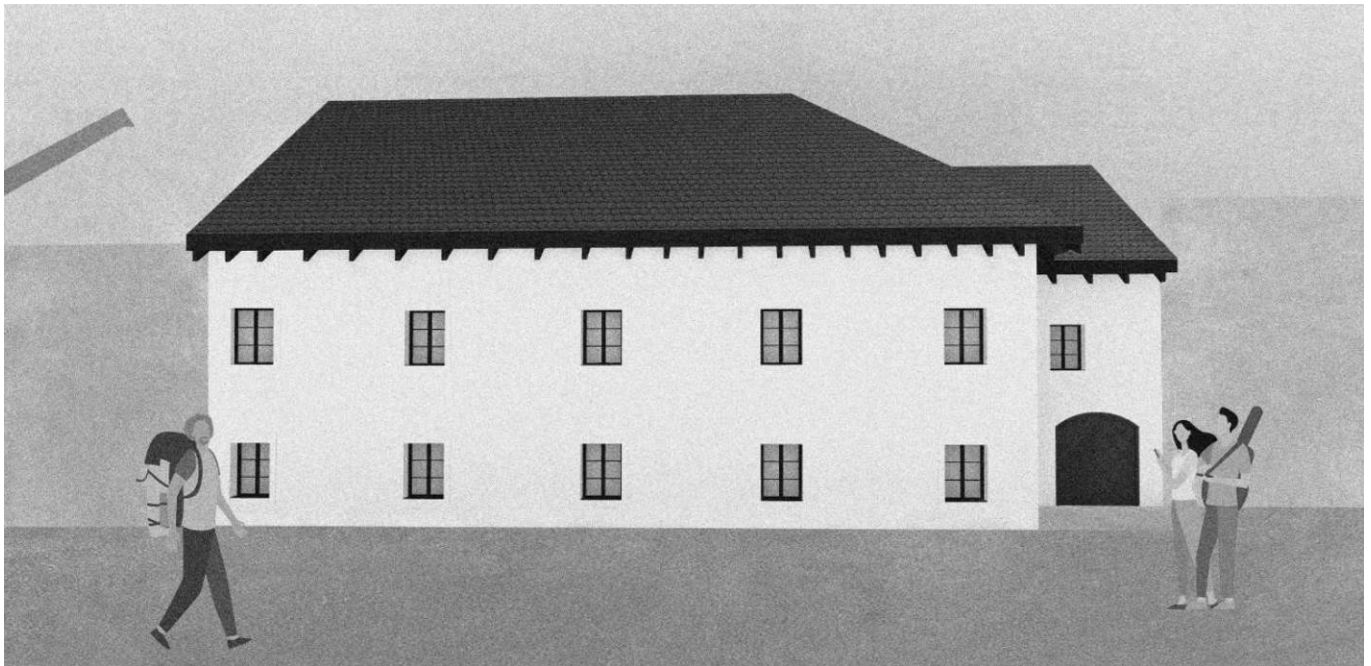
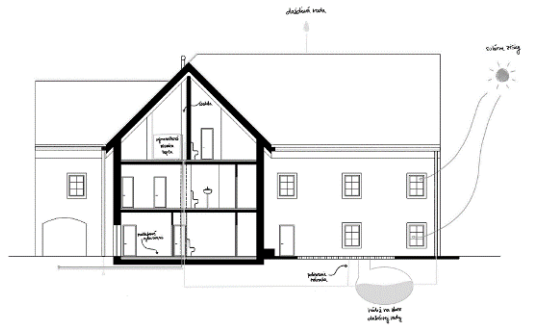


**Bc. Silvia Kostolanská**

The aim of the project is the architectural and urban design of a new development in a gap in central city zone of Trnava, a regional city in western Slovakia. The solved plot is situated on the northwestern edge of the central city zone, and directly bordering on the historic fortifications of the city. My task is to design a lower standard accommodation facility - specifically a hostel that would bring to this area the possibility of accommodation for travelers from Slovakia and abroad, and would help you build tourism in the city of Trnava. The premises are not yet located in Trnava. Due to the fact that there is an architectural disparity in the solved area, the design focuses on the simplicity and highlighting of the architectural features of the historic city center. Emphasis is also placed on the regulations set out in the zoning plan, which refer to the folds and storeys of new buildings. The subject of the work is also the urban concept of public spaces in the area and also the secondary functions of the building, such as a cafe and various cultural, artistic and educational activities for the public. Such an object enriches tourists and city residents and provides facilities for leisure activities.



PODROBNÝ POKRYV POKRYVU VEŠKÉHO PLÁNU  
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## Boarding house, Váhovce

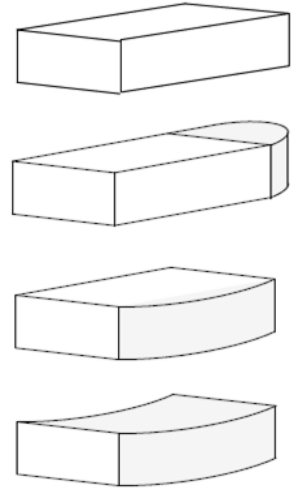
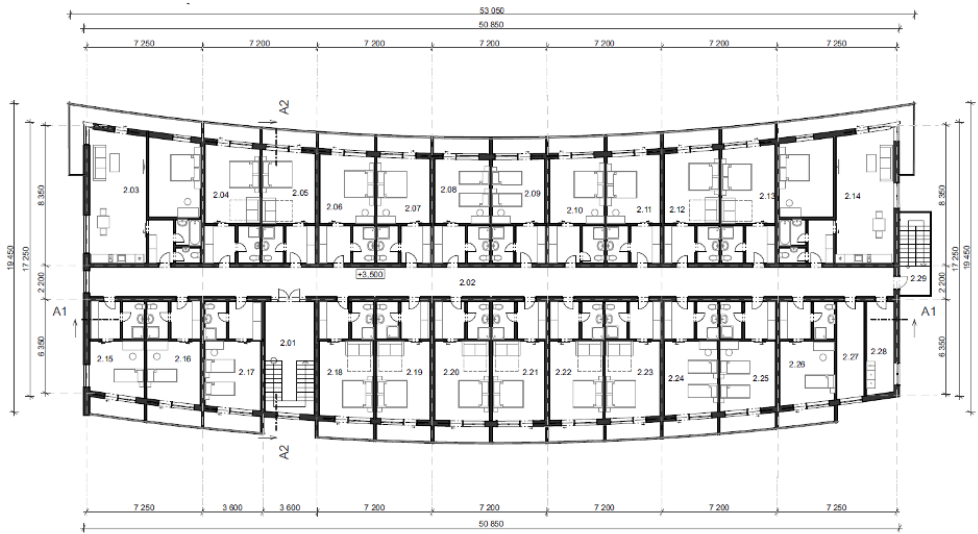


**Bc. Sabína Krivošíková**

The aim of the project is to design boarding house for about 40 people which will fit into surrounding environment in interesting area. The work consists of the design of the pension, the owner's accommodation and the functional use of the land. The building has one underground and two above-ground floors. The object is situated near a water area in the undeveloped zone of the village Váhovce.

The land is located in an interesting area near the Waterwork Kráľová. The site is situated within easy walking distance about 4km from the village center. Around the waterwork is built functional cycling route. The building itself is designed in accordance with the surrounding environment and its concept is based on the flow of the river and forest area located near to land. My design should provide spaces for pleasant time in nature, rest and relaxation but also provide activities such as windsurfing, kitesurfing, yachting or rafting. The exterior look is simple in harmony with the surrounding nature. This work is prepared on the basis of currently valid regulations and standards.





## New municipal swimming pool in Piešťany

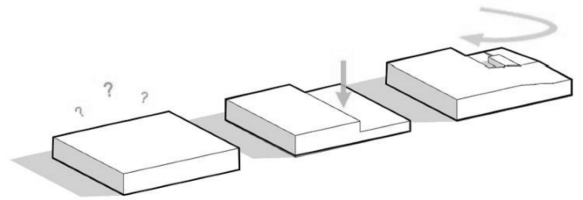
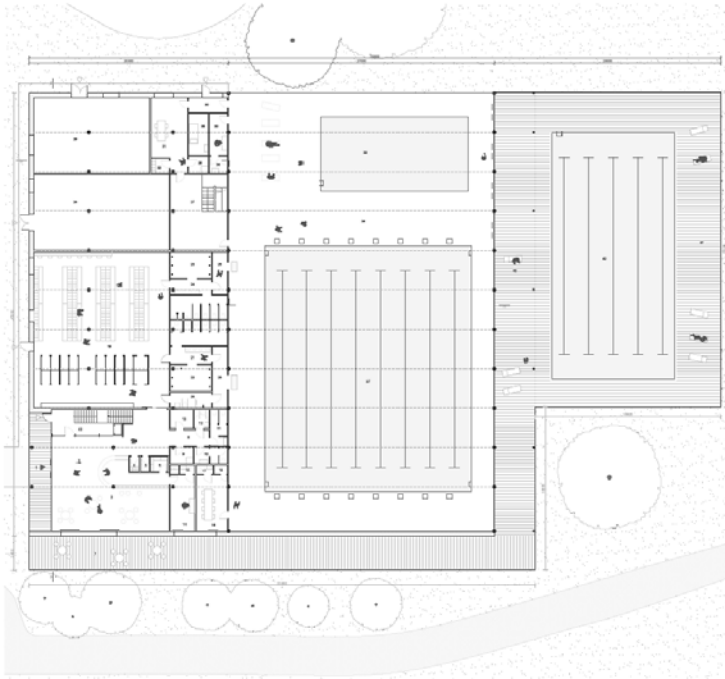


**Bc. Kristína Olívia Lelková**

The project of the new municipal swimming pool in Piešťany is a complex design solution of the given building, its surroundings and it is also presenting a new added value to the originally intended plan. The plot selected by the city management is situated on the border with The City Park.

The pools are designed mainly for sports purposes. The construction and operation of the building is designed in accordance with the principles of sustainable architecture. The load-bearing system consists of a combination of timber and reinforced concrete. Large, glazed areas allow visual contact with the surrounding nature.

The building contains two zones. Lower part of building includes space for visitors and service of swimming pool. Eight-lane pool 25 m long and a smaller educational pool is in the pool hall. One four-lane pool 25 m long is set in the exterior part. Green roof is accessible to visitors of the café and offers not only a view of the surrounding park, but also a space for the presentation of sculptures. There are other designated places on the garden reserved for exhibitions and they also include two gazebos.



## Hotel Richtár, Liptovská Lúžna



**Bc. Michal Mydliar**

The main task of this project was to design a hotel in Liptovská Lúžna Community approximately for 60 clients.

The graphical part of the work, the architecture part was elaborated on the level of documentation for planning permission and a selected part on the level of an implementation project for building licence: 1 elevation, 1 section and 2 architectural – construction details.

In the first step, I looked up for some inspiration in already existing projects, hotels built all over the world, but mainly within Slovakia.

When projecting, I considered every option of design concerning the functional use of building lot and architecture on it.

When designing, I focused on making the right choice of building lot at first within context of cca 6 km long community creek- street built-up area with predominantly separate private houses without expressive central public spaces, then positioning of the building on the lot, and material solution of the building.

An important task was also to design the views of the panoramic silhouette of Low Tatras Mountains National Park and the most effective lighting of all building floors.



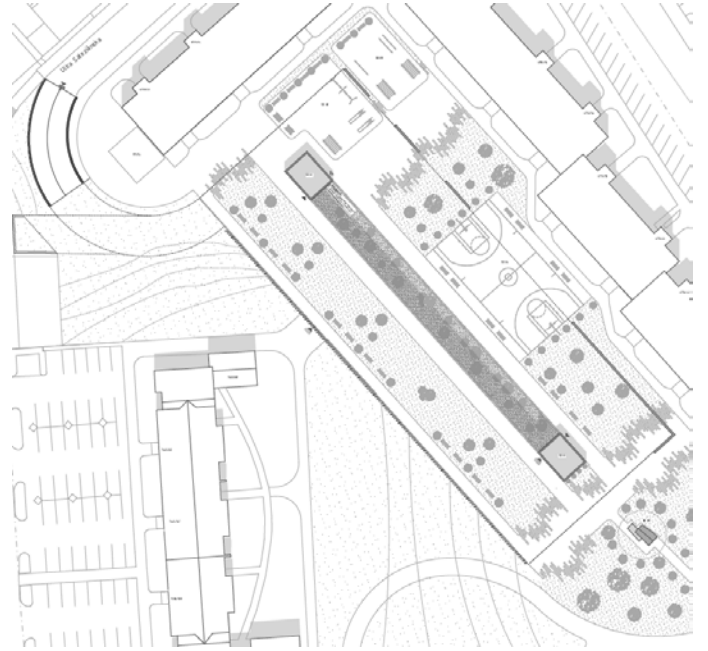
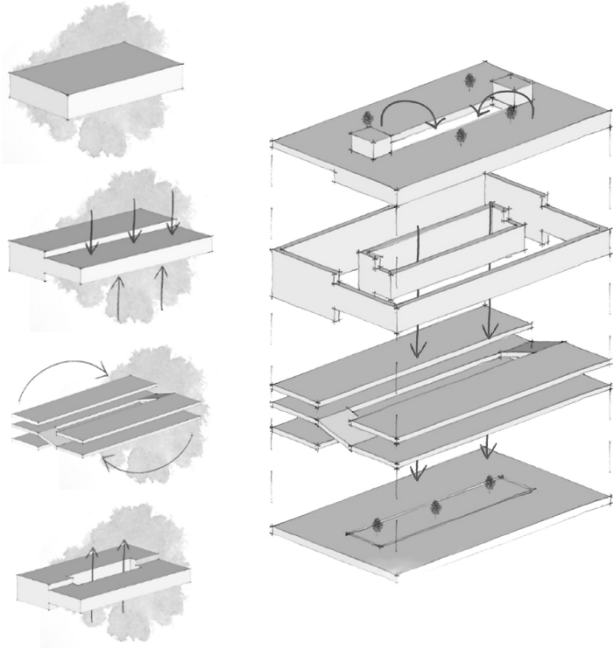
## Parking garage Trnava



**Bc. Marek Piešťanský**

Reasoning behind this project was to design complex structure of parking garage in Trnava on the streets of Saleziarska and Na Hlinach. Project was made by rules of competition that was declared by city of Trnava. Requirements for this competition were declared by the city of Trnava in documentation called Competition rules for architectural design - „Parking garage Trnava“. It is public open and anonymous architectural competition adapted for suits of bachelor thesis. Brief overview of thesis was to analyse and design complex parking garage. In designing of the parking garage was made documentation for zoning decision and parts of realization projects in scale 1:50.

Summary of this design can be described as a building set under ground with one facade that can be seen from south-west. Facade is made out of wooden lamellas rotated by 45° in direction of dominant winds blowing from west. Structure of the garage is made by combination of hollow-core slabs and cast-in-situ slabs and reinforced concrete foundations made out of waterproof concrete.



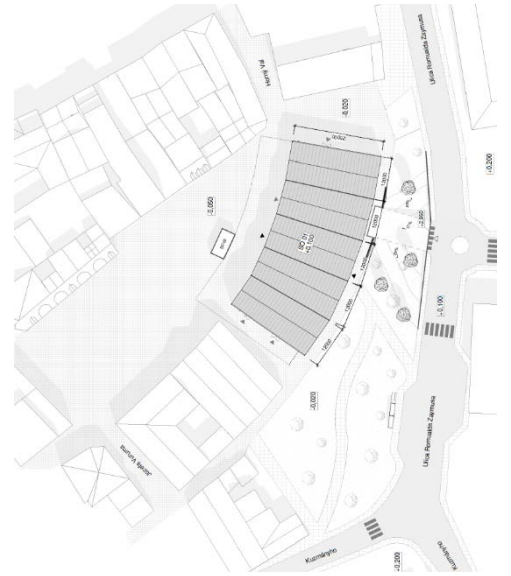
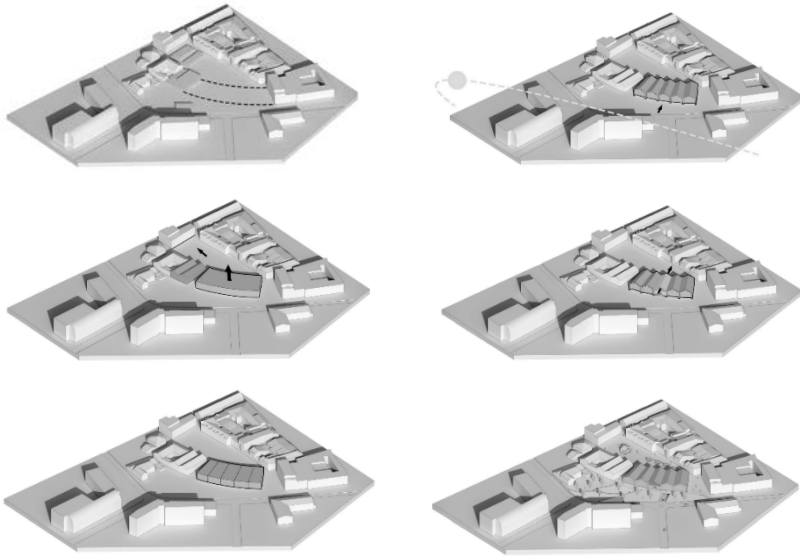
## Construction of a gap in central city zone Trnava – Market Hall



**Bc. Matej Procházka**

The project is performed by the urban-architectural design of a new block in CMZ Žilina, with the function of a market and a public space. The solved area is located in the southwestern part of the historic center. The aim of this work is to design a new market on the outskirts of the historic center of Zilina. The work focuses on the renovation and design of new public spaces, which are missing in the city center. The proposal takes into account the compact urban development, the history of the city and city regulations. The nearby city market and market, which is located in the area, has always been part of the city's history. Fairs and markets were held in the city, which affected the whole country. Currently, the city does not distribute a single such space. The design of the new market will return these conditions to the city and strengthen the appearance of the given area of the city. At the same time, it creates new opportunities for various cultural events in the city as well as recreation and leisure activities.





## Care Center for the elderly in Miloslavov

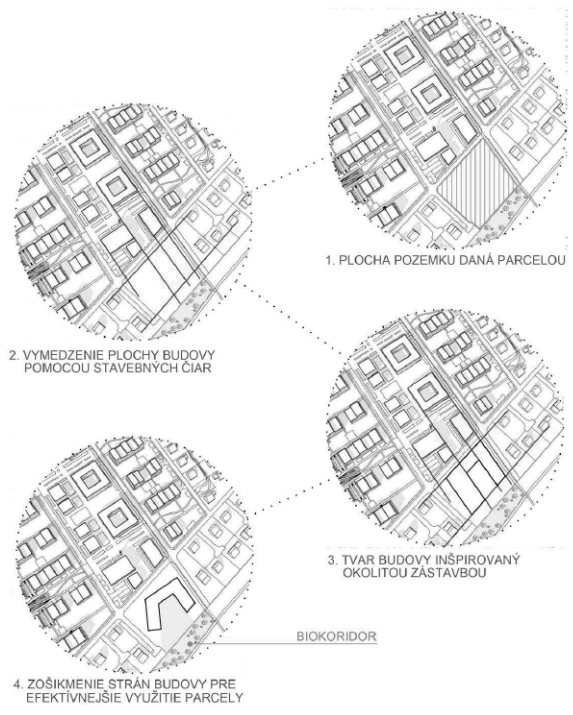


**Katarína Sobolová**

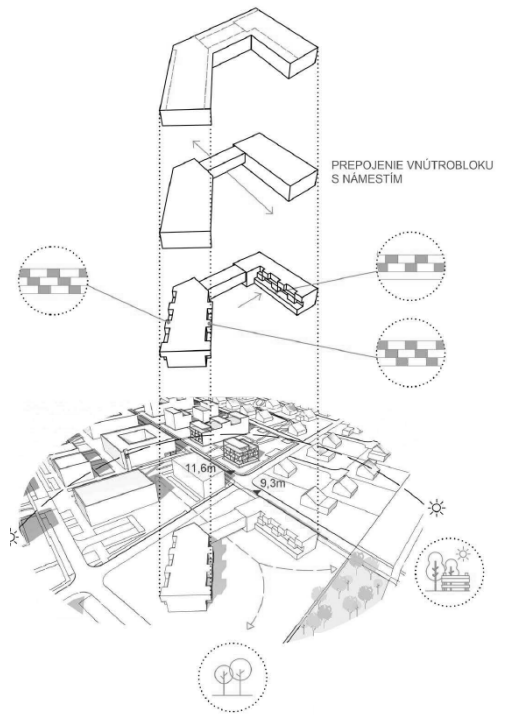
The aim of this work was to design a project for a care center for the elderly on a plot of land located in the northern part of the new multifunctional center of the village of Miloslavov. The multifunctional center has not yet been built, but an urban study has been approved. The building should have a maximum of 3 floors above ground, without an underground floor and its height must not exceed 10 m. The specified hospital has its capacity, mass and overall design to meet the needs of the municipality in which it will be located and should be designed using sustainable materials.

The care center for the elderly has 3 above-ground floors, it consists of a pair of imaginary separate tracts, which are connected by mass glazed on both sides. On each floor there are rooms for one or two seniors. The roof of the building consists of a flat impassable roof.

The main priority of the design was to create a kind of portal called the entrance gate, which separates the central part from the quieter part and leads to the supra-regional bio-corridor.



BIOKORIDOR



## Design of a new bakery in the construction gap, Modra



**Bc. Lucia Škotnárová**

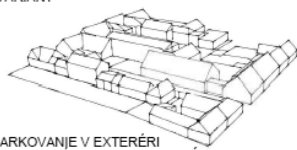
The proposed new building in the construction gap is located on a reserve area in the monument zone of the city of Modra, on Moyzesova Street. The aim of the work was to design a new bakery with a bakery store so as to respect the material and spatial composition and urbanism of the original architecture. When proceeding with the design, I proceeded in accordance with the regulations of the zoning plan and the principles for the monument zone. The two-storey building is functionally divided into three smaller buildings, interconnected by a connecting corridor. This division into plots naturally created two separate spaces in the exterior, namely the farmyard and the yard intended for the public.

1. VARIANT



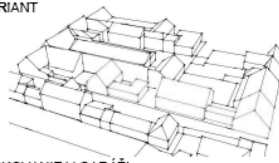
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- SKLADOVÉ PRIESTORY V SUTERÉNE
- PARKOVANIE V OBJEKTE

2. VARIANT



- PARKOVANIE V EXTERÉRI
- FUNKCIA BÝVANIA V PODKROVÍ
- ČIASTOČNÉ VYUŽITIE SUTERÉNU

3. VARIANT

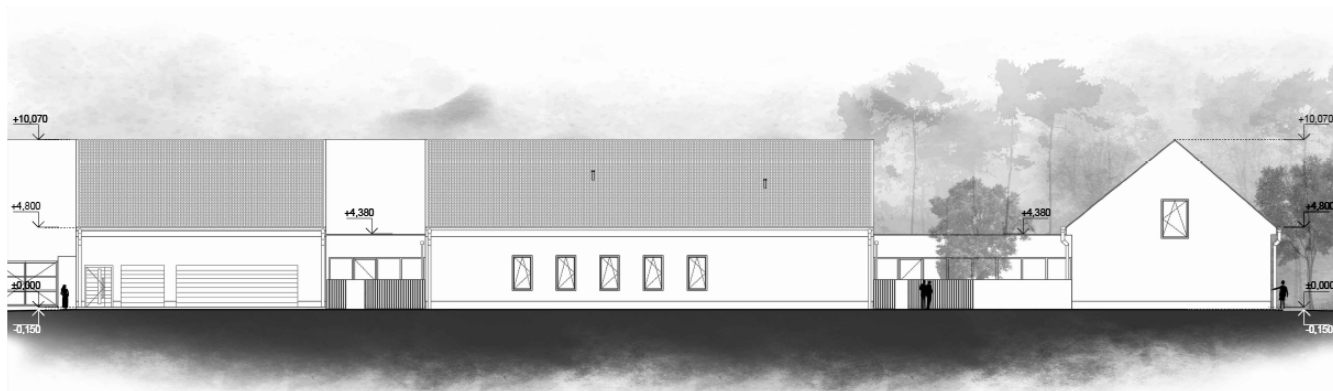


- PARKOVANIE V GARÁŽI
- FUNKCIA BÝVANIA V SAMOSTATNOM OBJEKTE

4. VARIANT - BLIŽŠIE ROZPRACOVANÝ



- PARKOVANIE V GARÁŽI
- FUNKCIA BÝVANIA V SAMOSTATNOM OBJEKTE



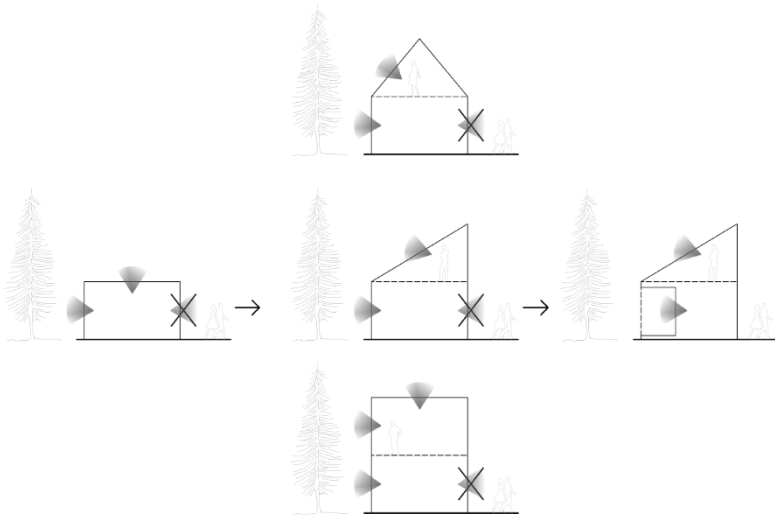
## Recreational complex, Nové Zámky



**Bc. Leonard Štrba**

By entering this work was to enrich the swimming pool in Nové Zámky about new and interesting transitional accommodation. The aim was to create a number of simple separate objects that will provide visitors with privacy and o connection with nature.

All objects act minimalist and trying to least disturb the surrounding nature. The concept of objects, their position and materials have been designed to enrich the architecture of the swimming pool while also falling into its natural environment.



## Parking house, Trnava

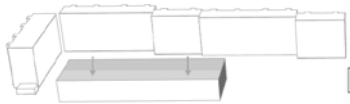


**Bc. Jana Šujanská**

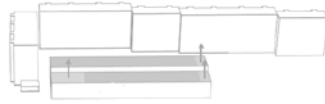
The aim of this project was to find the most suitable architectural solution for a parking house within the residential complex Na Hlinách in Trnava, with an estimated capacity of 300 - 350 parking spaces. In the first phase, we dealt with the analysis of the area and the creation of a suitable mass of the parking house. In the final phase, we combined all the analyses and created a complete design of the parking house.

The load-bearing part of the parking house will be designed as a skeletal load-bearing system. On one side there will be a reinforcing reinforced concrete wall and on the other a light perimeter cladding in the form of wooden slats. Inside the parking house will be reinforced concrete and steel columns to absorb the horizontal load. The ceiling will be designed as a Peikko headless ceiling, which is designed directly for parking houses.





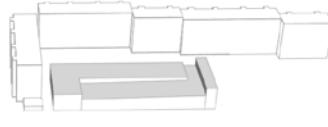
VYUŽITIE EXISTUJÚCEHO SVAHU A ZNIŽENIE OBJEKTU O JEDNO PODLAŽIE



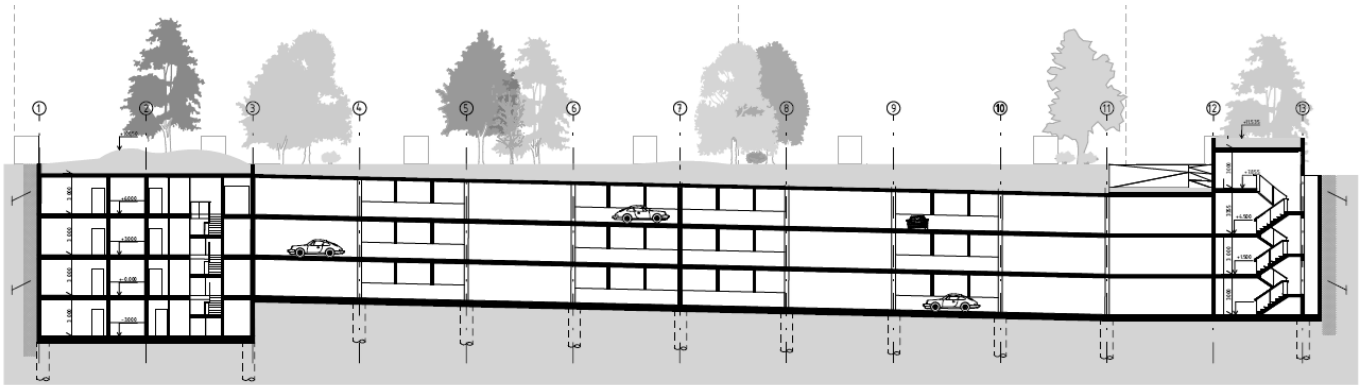
ZVÝŠENIE VYZNAČENÝCH ČASŤÍ S CIEŤOM VYBUDOVANIA VSTUPOV A VYSTUPOV PRE ĽUDÍ Z ULICE SALEZIANSKA



POMÁLY NÁRAST SVAHU O PÔL PODLAŽIA Z DOVODU USTUPENÝCH PODLAŽÍ



FINÁLNY TVAR OBJEKTU S MAXIMÁLNYM VYUŽITÍM TERÉNU A ZELENĚ. NACHAŤOŽAJÚCEJ SA NA STRECHE

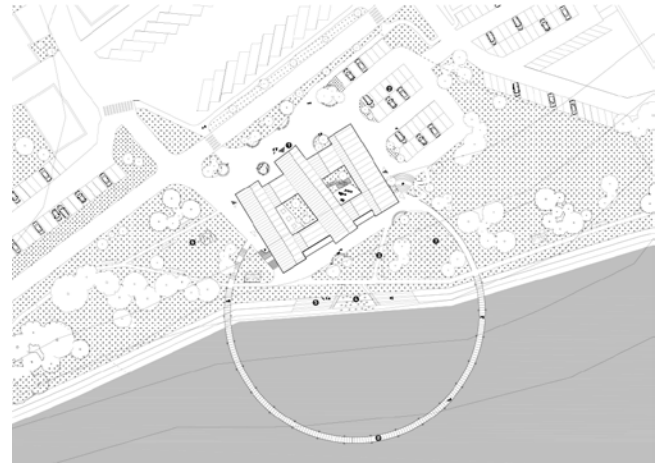
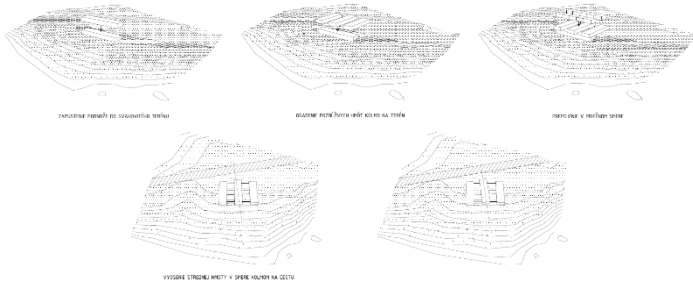
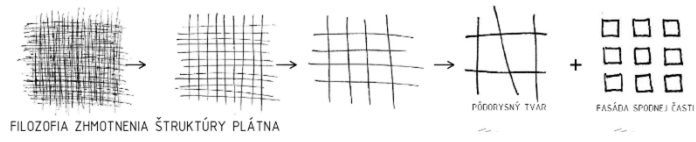


## Orava Museum of Linen Craft in Námestovo



**Bc. Simona Tarabová**

The main goal of this project was to design a museum of linen craft that should bring back to memory and raise the importance of this traditional craft in the Orava region. The design concept shall reflect the atmospheres associated with perception of linen fabric as a product, as well as its craft production and processing. The building is located at the entrance to the town of Námestovo, on the waterfront of the Orava Dam that is currently unused and the museum could be an attractive element of a valuable entrance into the developing town. In the beginning of design process we dealt with the issue of so-called „linen style“ and its impact on architecture. The traditional houses of craftsmen who were making linen fabric were our main inspiration.



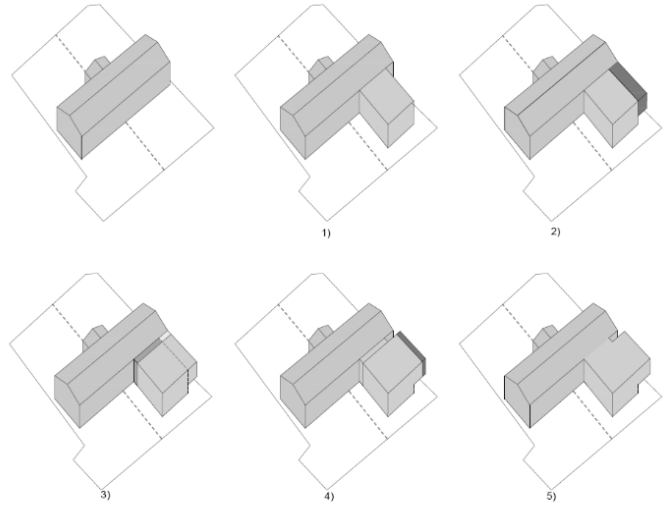
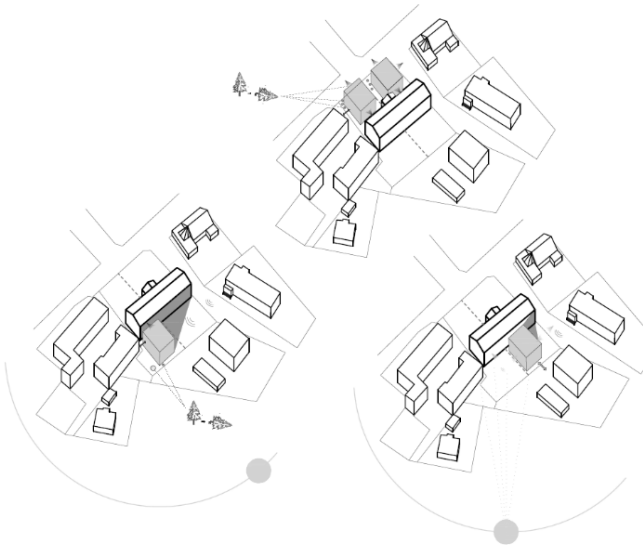
## Revitalization of the building of the Primary School of Arts, Vranov nad Topľou



**Bc. Jozef Teliška**

The aim of this project was to design an extension and renovation of the premises of the Primary School of Arts in the town of Vranov nad Topľou. The newly built outbuilding consists of a multifunctional hall that will serve the needs of the school and the city, a gallery and new classrooms for teaching fine arts.

The Primary School of Arts is located on the corner of Kalinčiakova and Alexander Dubček streets. The intention of the solution was to satisfy the needs of the city for social and representative spaces. The overall proposal is to unify the original school building with a smooth transition with the new building.



## Winery, Nevidzany

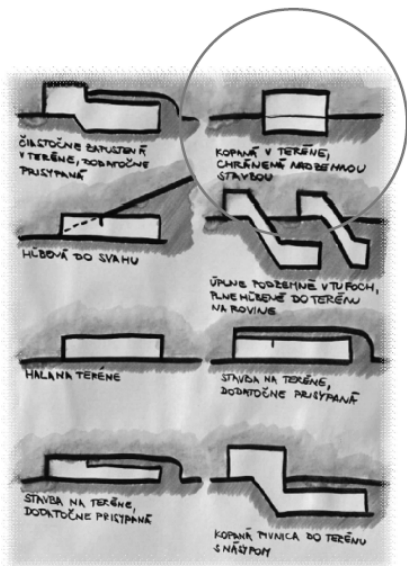


**Bc. Soňa Úreková**

The work is focused on designing of a family winery in Nevidzany village situated near Zlaté Moravce city in the oldest wine-growing region in Slovakia. Assignment of the project includes the design of the production part, tasting part as well as the proposal of layout and operation solutions for the possible tasting and sale of produced wine.

In the project we focus our attention on wine culture in Slovakia, folk culture and traditions associated with the wine production within the area, analysis and broader relations of a proposed winery to the Nevidzany village, as well as layout and deployment of proposed building in the area. Furthermore, we focus on our object proposal, its concept, architectonic idea, design, but also the building construction.

The main aim of the project is to design a building concept of the family winery while place dedicated for tasting and sale will be its part. Underground production part and accommodation for approximately 20 people, with the possibility of immobile clients accommodation, is another part of our concept. Graphically evaluated informative reasearch about wine consumption and customers preferences represent another part of this work.



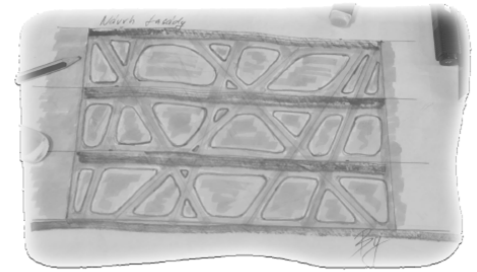
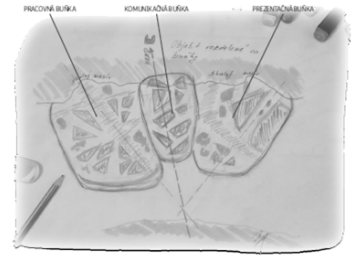
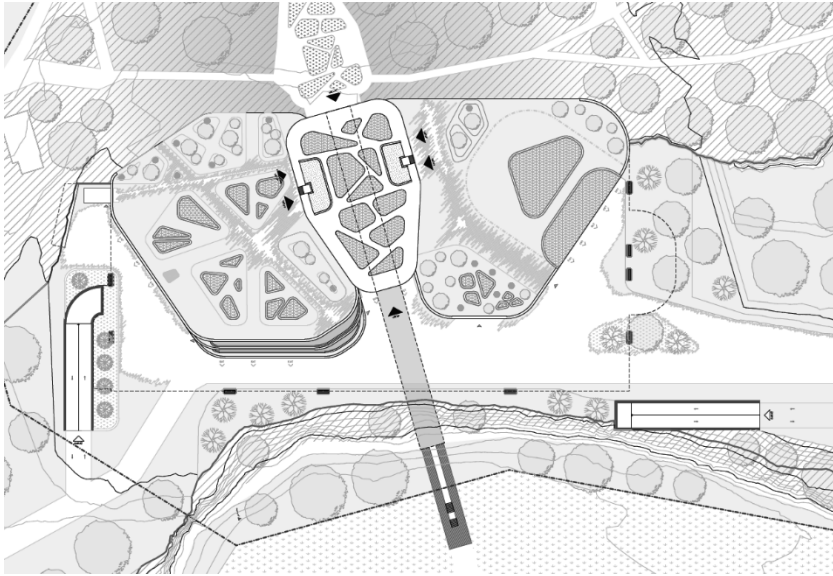
## Multifunctional Architecture, Mladá Boleslav



**Ing. János Baltazár**

The aim of this project is the design of a multifunctional building near the new city of Mladá Boleslav in the Czech Republic. The building will be designed in a valley on the edge of Štěpánka Park. In this work, I pay attention to the issue of creating an object that will serve not only the employees of the Škoda Mladá Boleslav car plant, but also for the citizens of the city. My main goal was to create a place, Innocube, which will be used to meet people, exchange information, opinions, performances, lectures and recreation.





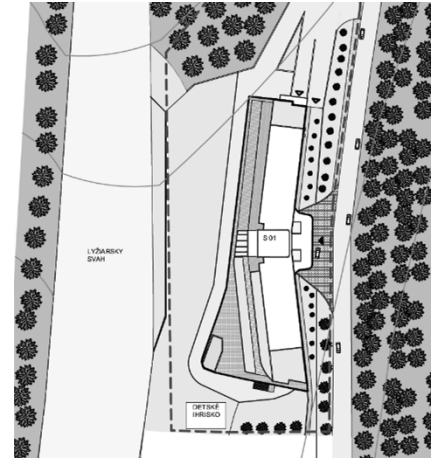
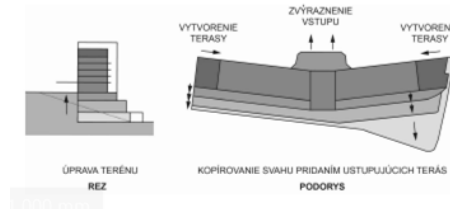
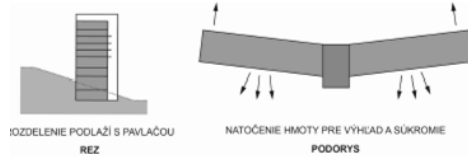
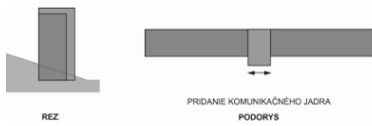
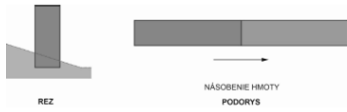
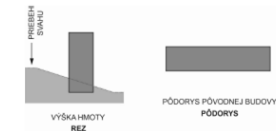
## Hotel, Jasná



**Ing. Jakub Franko**

The goal of this project was to create alpine hotel in natural environment of Nízke Tatry in Demänovská dolina. Currently there is an existing ruin of hotel Junior, devastated by fire on which demolition work is taking place. Any reconstruction of the current state would be uneconomical. Surrounding area is formed by coniferous trees and greenery. In front of hotel is a ski slope. Thesis contains the construction of a new hotel.

The project solves construction of new hotel which will be modern, larger and better connected to the spoling environment. The design consists of one multi-storey building which is set in the terrain so that allow traffic directly from the access road. On the lowest floors there will be underground parking lot, above them functions of hotel and in the upper part there will be an accommodation part.



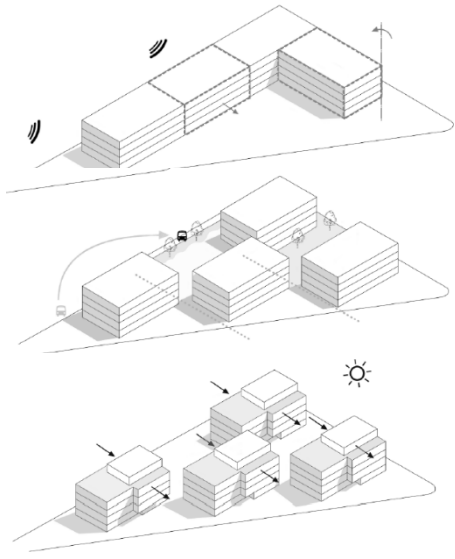
## Social housing, Bratislava



**Ing. Adela Gajdošiková**

The main topic of this project is to design an architectural solution for the building of rental housing in Bratislava, on Terchovská street in part of Trnávka.

I tried to design these apartments especially for young families, who can't afford to buy a new apartment and want to begin somewhere on their own. Social housing is designed as a hall apartment building, which uses effective and economic technologies, rain water and solar energy for the functioning. I designed building in a purpose of sustainability, I tried to keep and create as many green areas as I could and also to create comfortable environment for local community.

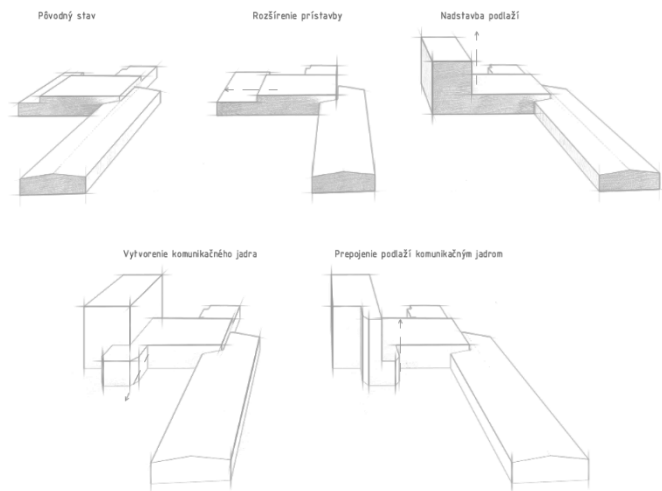


## Multifunctional Center, Cífer



**Ing. Barbora Greschnerová**

The topic of diploma thesis entitled Multifunctional Center is the reconstruction of an existing building at the Art School and the interconnection of the main functions and areas in the center of the village Cífer. The reconstruction design sensitively responds to the surrounding buildings and the original functions of the building. The plot is situated on Andrej Hlinka Square. It is the location of the plot of the building that is a key element in the design itself. The function of the art school has the potential to influence routes, to circle and connect the center of the village with the water part. School of Arts combines the function of education, entertainment, relaxation, but also cultural and aesthetic experience.



## Residential complex – Social housing, Košice

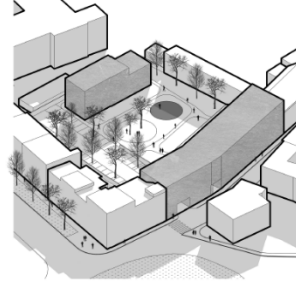
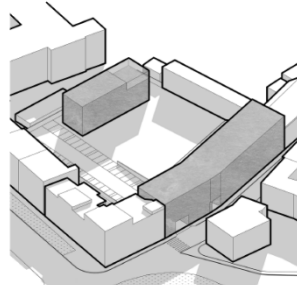
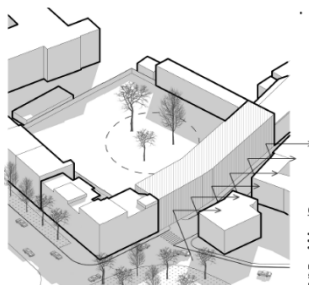
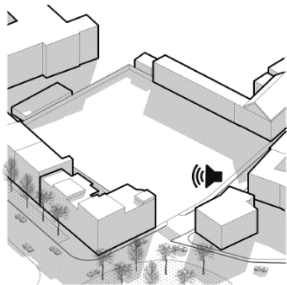
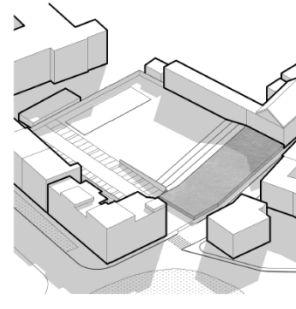
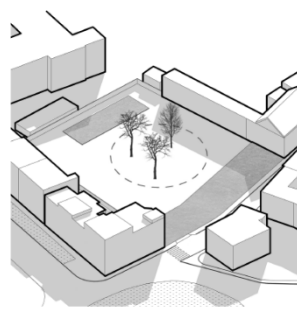
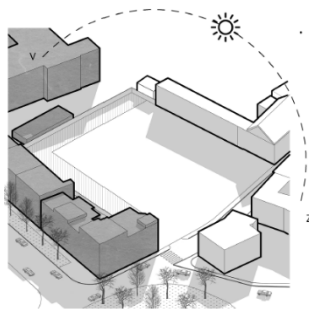
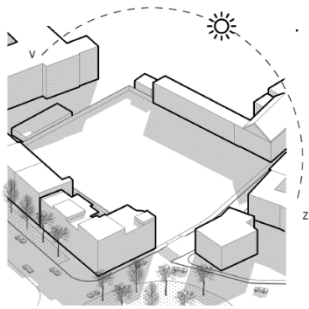


**Ing. Dávid Husár**

The aim of this project was to create a blueprint of a residential complex located in Jesenského Street in Košice. The assignment was part of an architecture competition announced by the city of Košice, which means that the requirements for the residence had been given beforehand and our design aimed to respect them as much as possible. Our proposition focused on the primary function of apartment buildings with amenities, parking and public space.

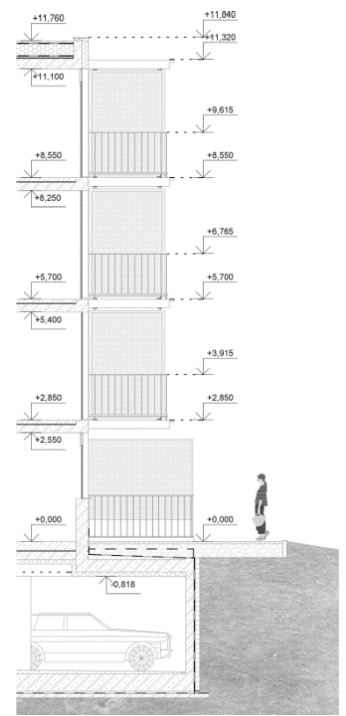
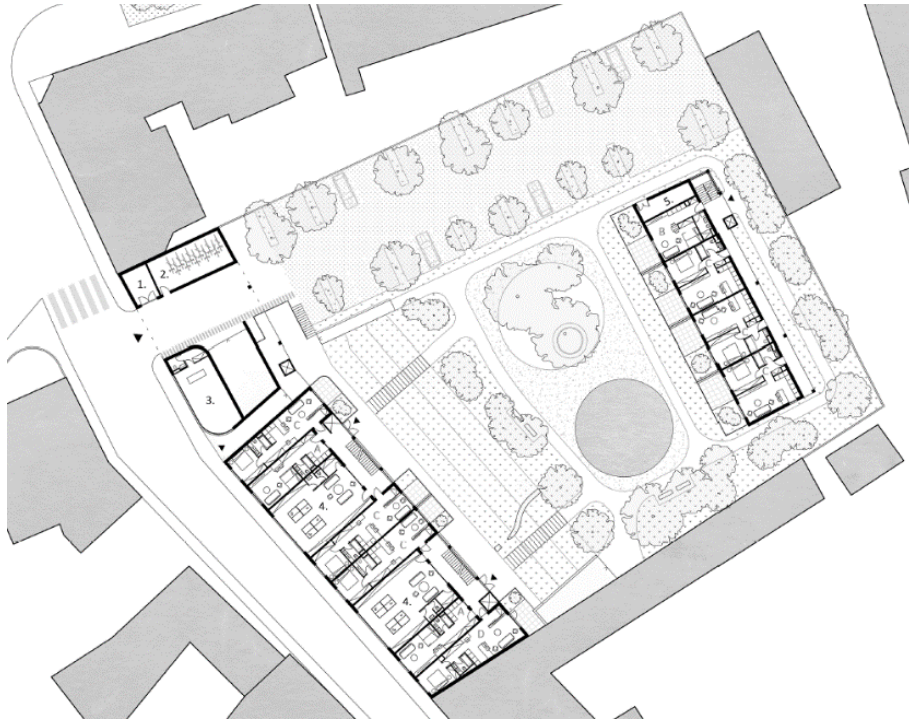
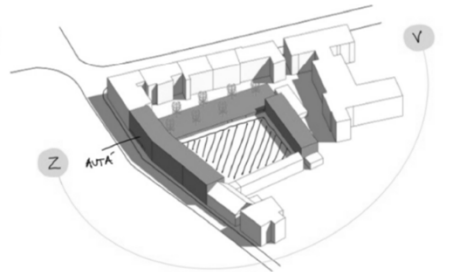
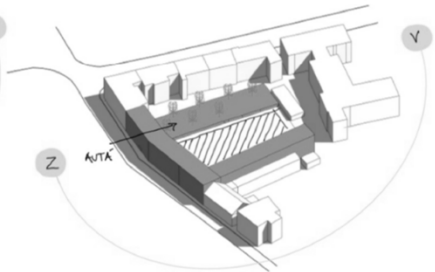
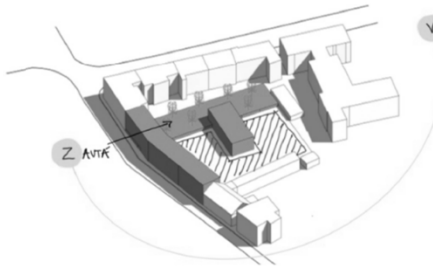
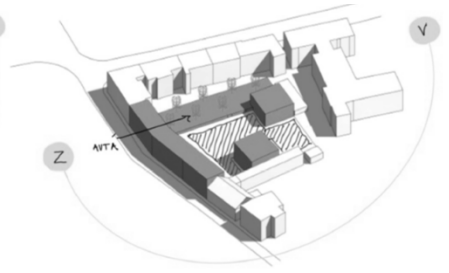
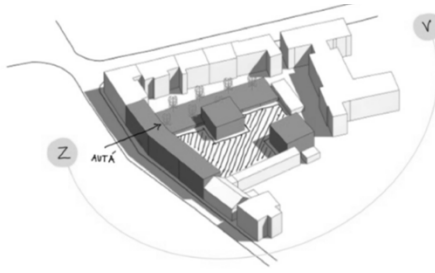
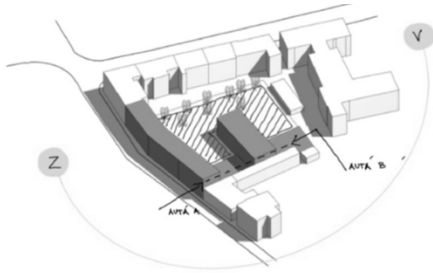
In the first chapter we described the aim of the project. The remaining chapters are focused on the concept and more specifically, on the solution of social housing from the point of view of architecture, constructions, statics, fire safety and technical equipment. The most fundamental aim of this work was to design a complex of buildings which would meet the requirements of the city of Košice, be energetically and structurally undemanding, financially available and at the same time provided a full residential experience without being extravagant and disturbing.





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Uličný pohľad na objekt A



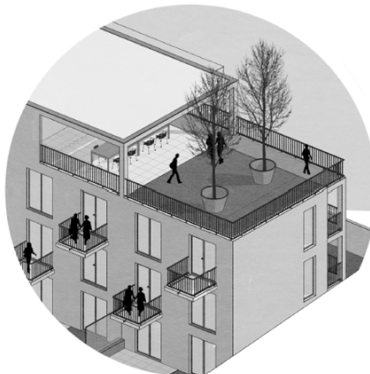
Verejný priestor s detským ihriskom



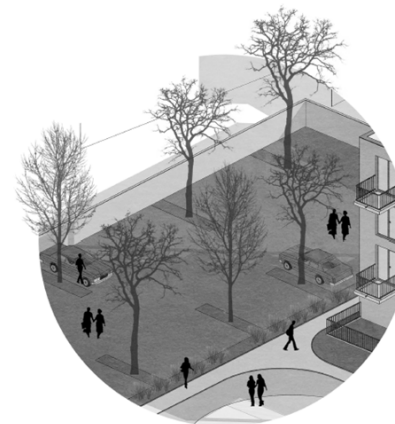
Prisýpaný svah k objektu A



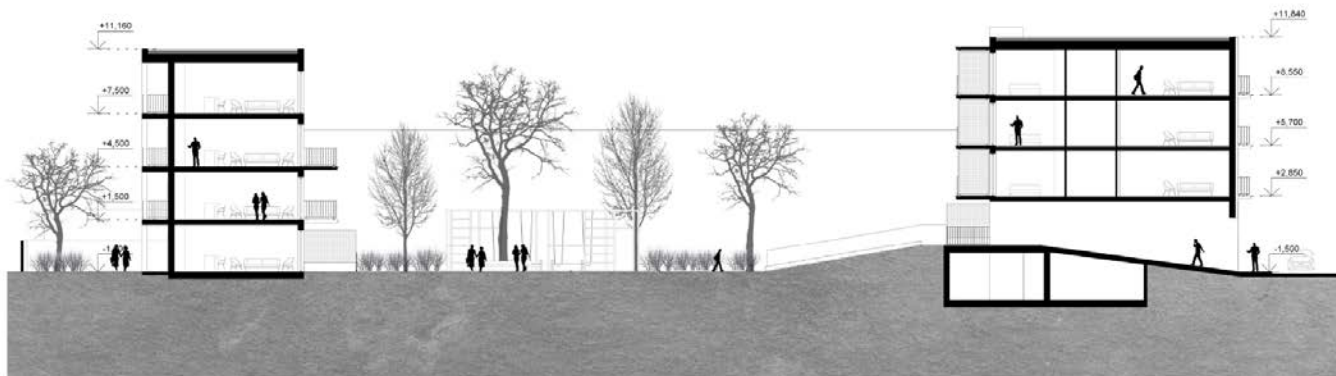
Pavlačové schodisko objektu B



Komunitná terasa na streche objektu B

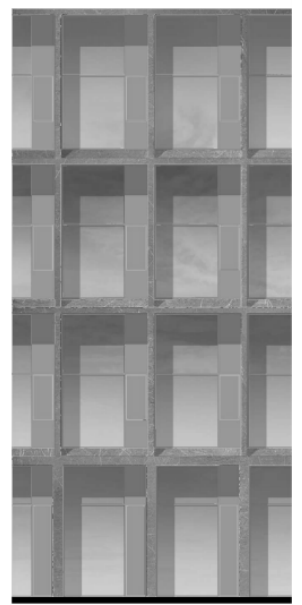
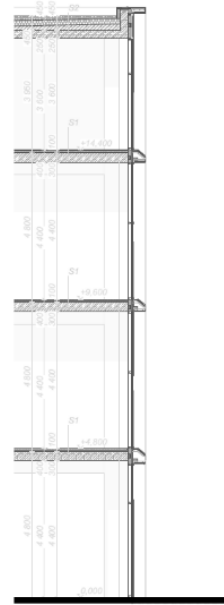
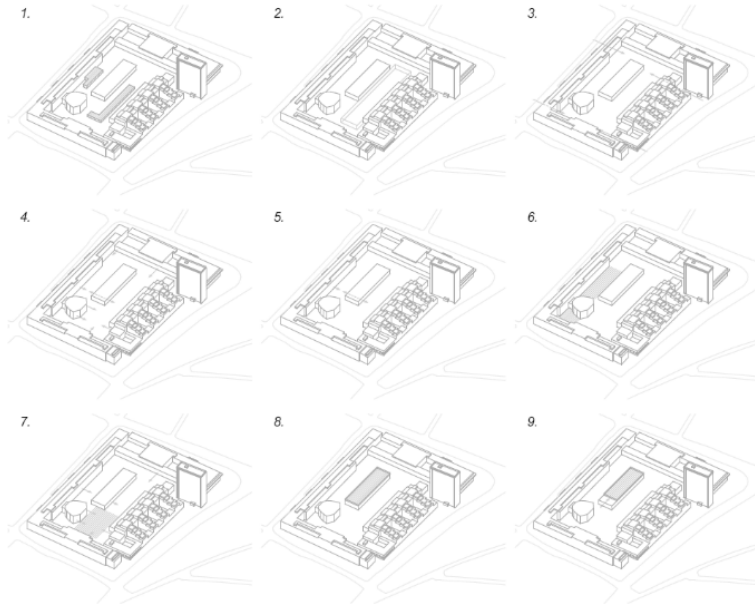


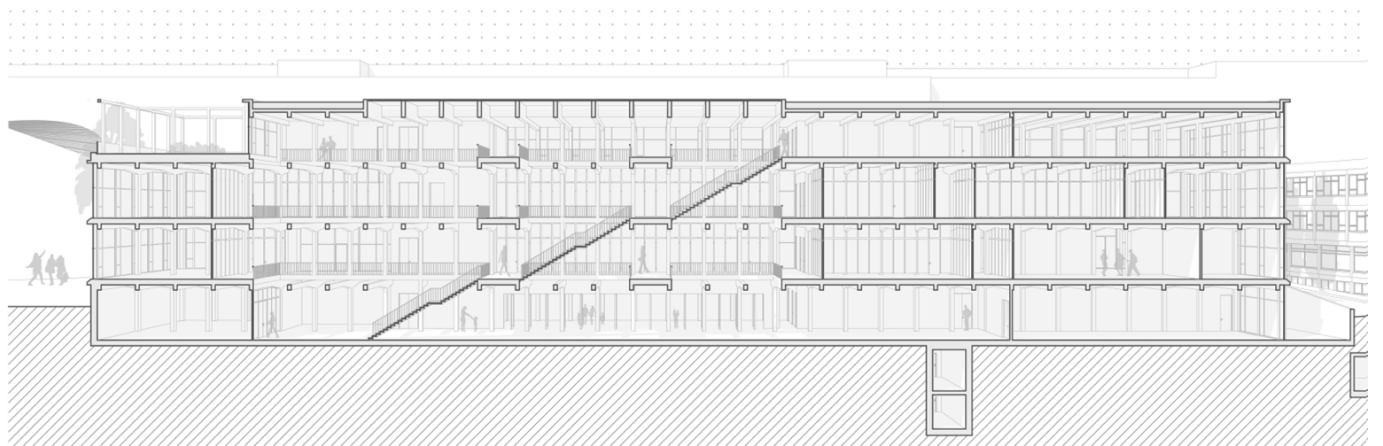
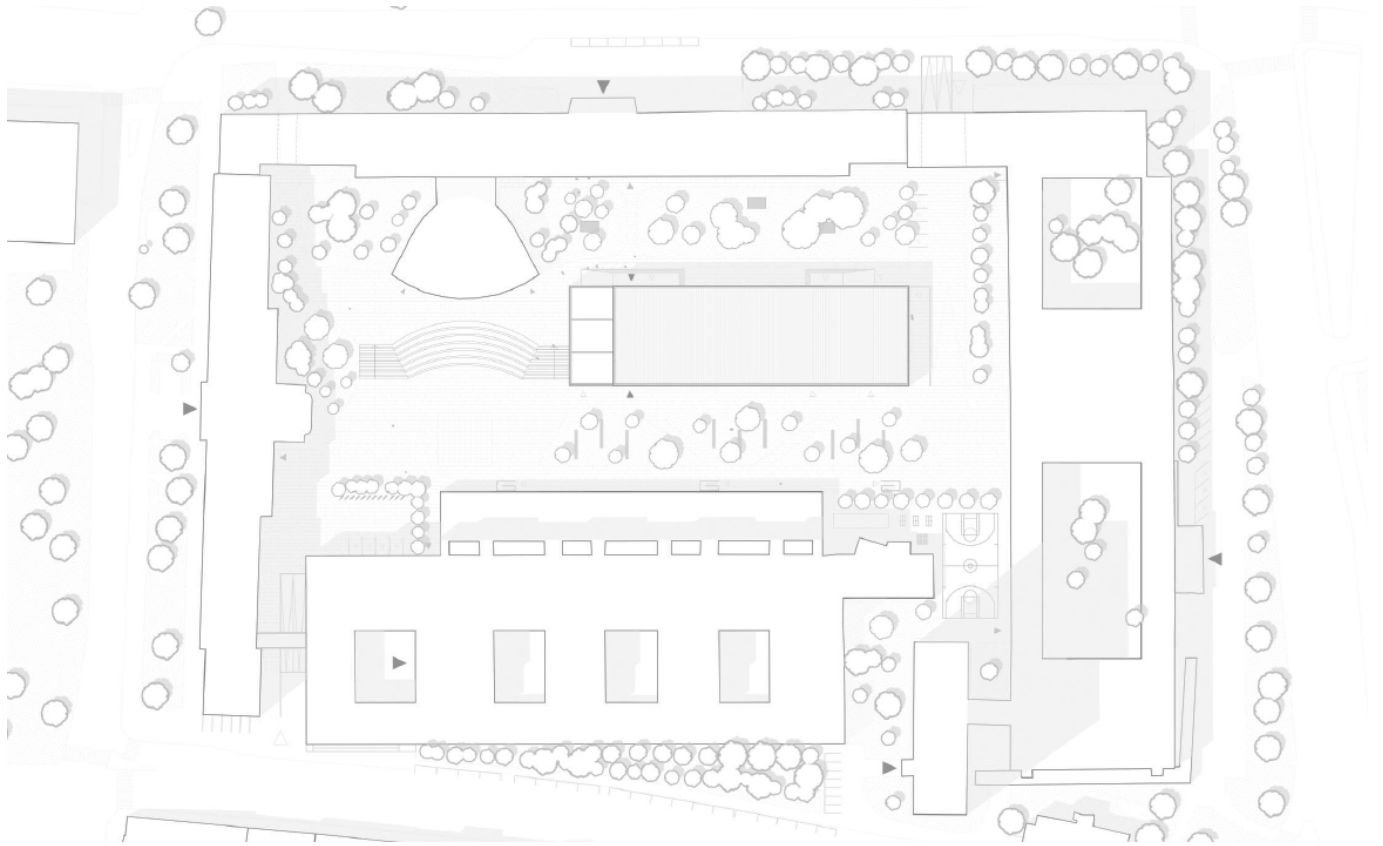
Státie na pozemku so vzrastlou zeleňou

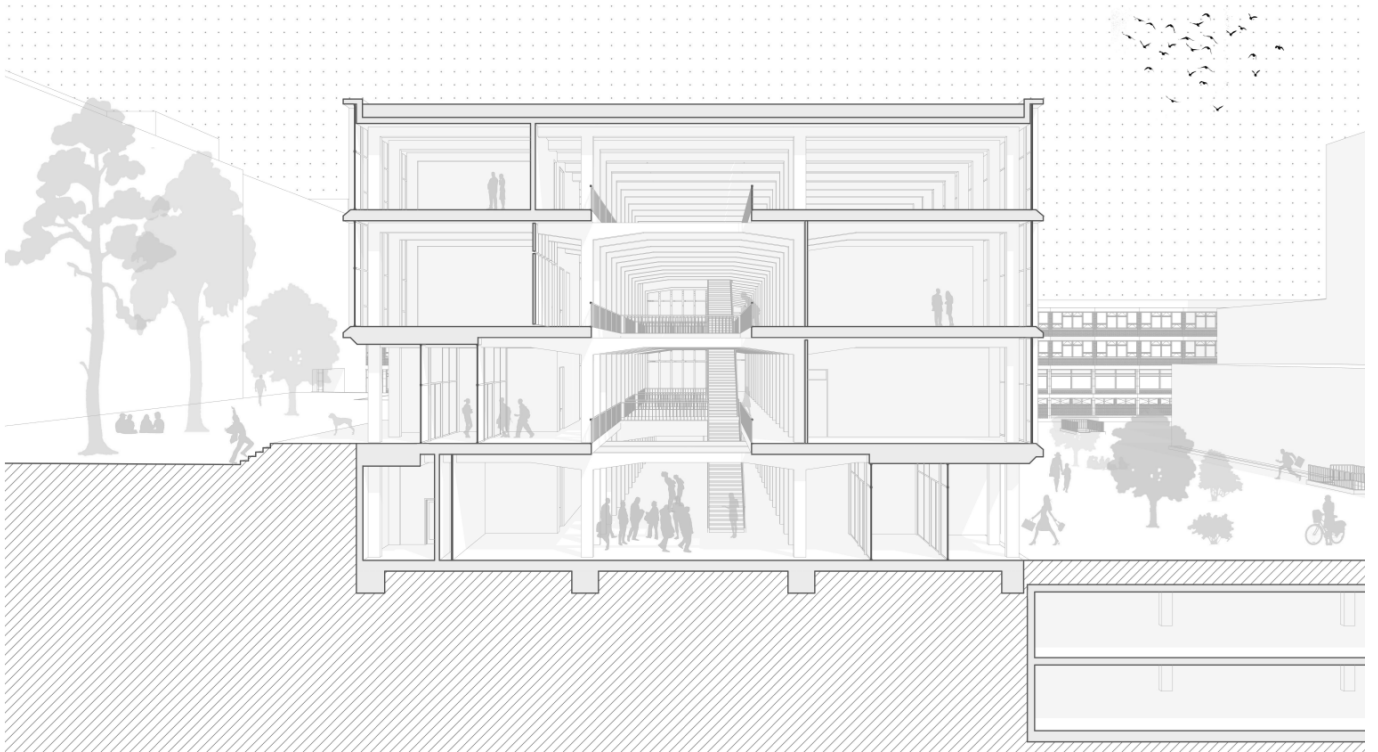
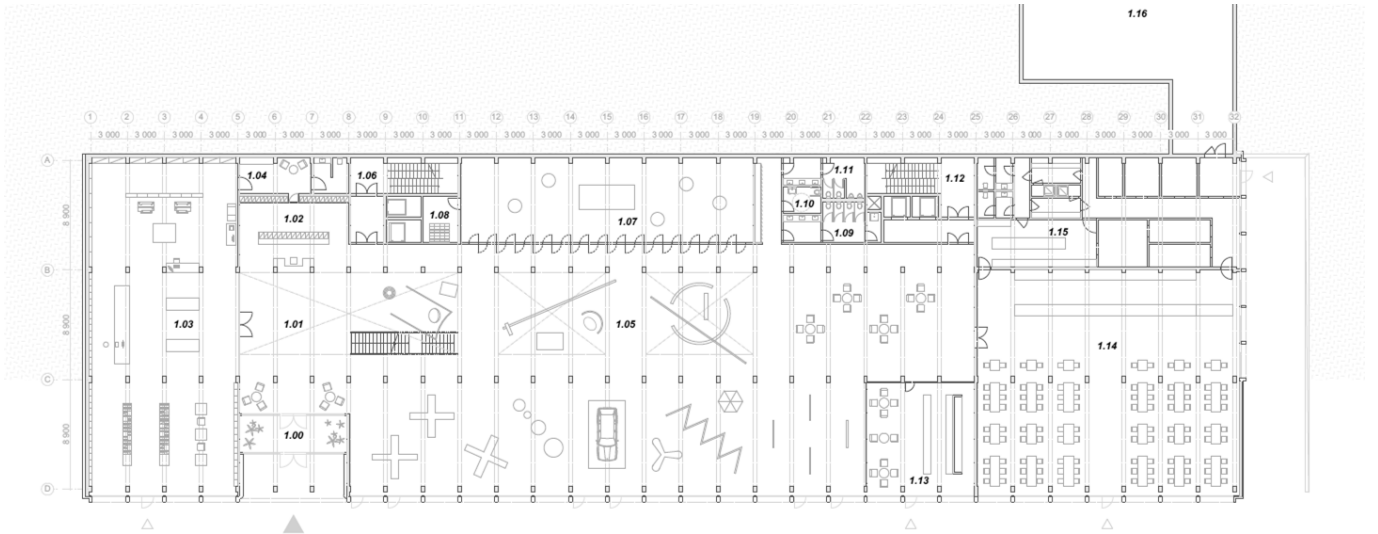


**Campus STU, Bratislava****Ing. Jana Jakubičková**

The subject of this project was to design the Innovation Center of STU in Bratislava. This Innovation Center is located between the Faculty of Civil Engineering and Faculty of Chemical and Food Technology. The assignment of project was based of international Inspireli Awards competition. Project contains historical background of the STU, analysis of the area, text part and graphic portfolio.







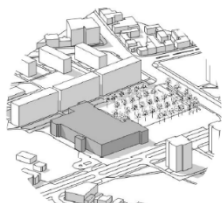
## Housing and public buildings zone, Piešťany



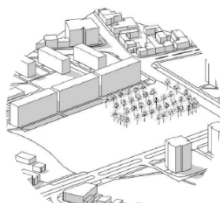
**Ing. Ľudmila Jančíková**

The aim of my project was to create a design of a zone of housing and civic amenities in Piešťany. At present, the Prior Stred department store is located in the area. The area around the department store consists mainly of parking lots and neglected paved areas. The topic offers the possibility of revitalization, reconstruction of a department store or the entry of new construction. The submitted work addresses the design of a new building that will be modern, functional and will meet the strict requirements of today. The design consists of three buildings - an apartment building, an administrative building and a shopping center, which will have a common basement with a large parking lot. The ground floor of the apartment building and the administrative building will form a multifunctional and together with the shopping center will create a shopping zone. The individual buildings will be connected by a square and relaxing green areas.

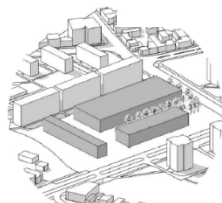




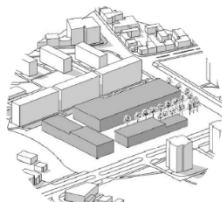
SÚČASNÝ STAV



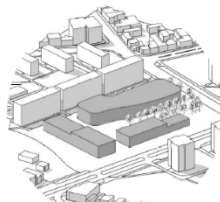
STAV PO BÚRANÍ



HMOTA PODEĽA ULIČNÝCH ČIAR



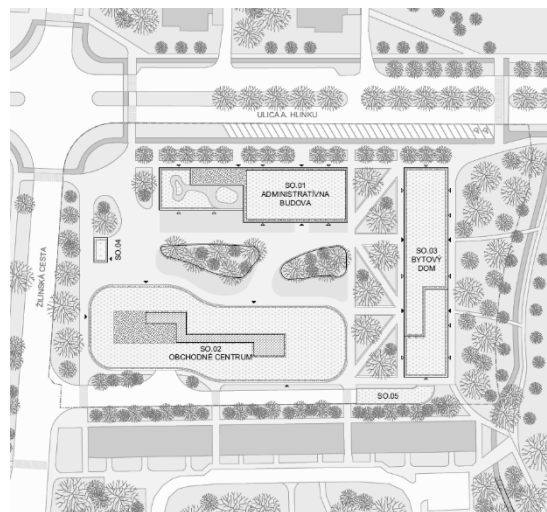
PRIDANÉ ČIASŤOČNÉ PODLAŽIE



ZAOBLIENIE HRAN BUDOVY OBCHODNÉHO



VÝSLEDNÁ HMOTA



## Multifunctional centre – Hotel, Nitra

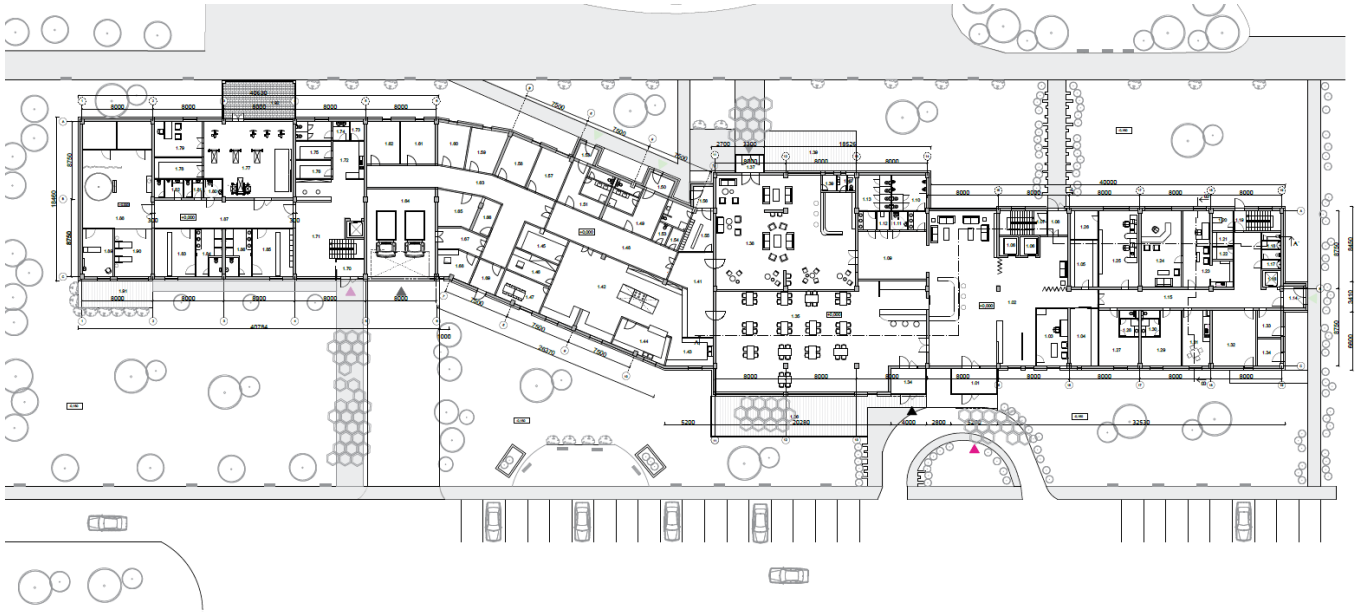


**Ing. Lucia Karaková**

The aim of this work was to propose the transformation of the environment surrounding the athletic stadium in the Chrenová housing estate in Nitra into a multifunctional complex consisting of a hotel and an adjacent park.

The main intention was to design the building so that its urban and architectural style highlighted the specific elements of the area, perfectly interconnected the individual areas and bring new energy and innovative elements. The basic philosophy of the project was based on the idea of a harmonious connection between the hotel and the surrounding buildings of the Chrenová housing estate, which is known for its atypical hexagonal floor plan and different height levels. With its concept, the urban solution of Chrenová is considered timeless and recalls the urbanism of Western European town houses, as we can see in Sweden, France or the Netherlands.

The hotel has been designed to evoke a sense of symbiosis of sport, relaxation and nature. For this reason, the emphasis in solving the project was placed on the concept of the so-called green architecture and sustainability using mostly natural materials, glass surfaces and cascading terraces, which allows a panoramic view of the hill Zobor, the park Brezový hájik as well as the athletic stadium itself.



## Housing and public buildings zone, Piešťany

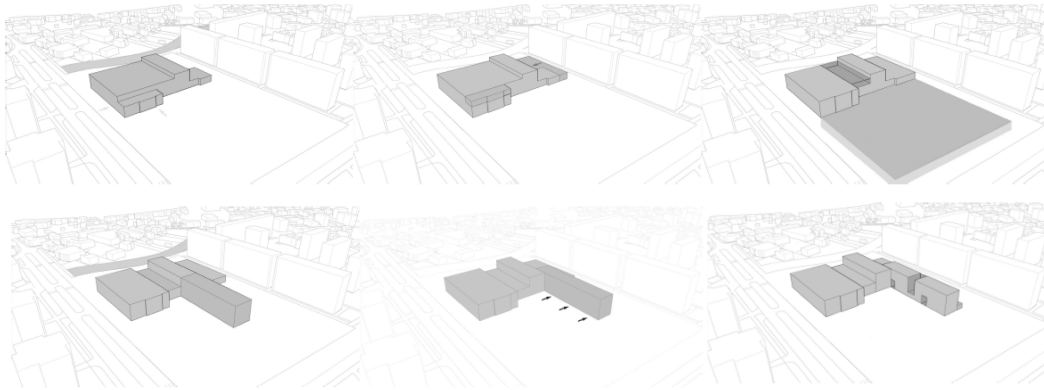


**Ing. Peter Koporec**

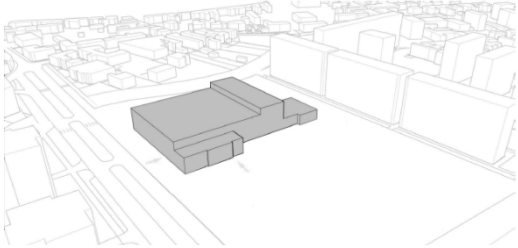
Topic of this work is a comprehensive design of a zone of housing and civic amenities in the city of Piešťany. One of the goals at work is to create an environment that will serve as a public space for city residents. Another goal of the work was to design a new, more suitable conceptual solution of the area, but above all the main goal of my work was to design a living area in this area in close contact with the existing Prior department store. The solved area required several changes.

The design of a new public space in front of the Prior department store and the proposed new construction of an apartment building also required the design of a new car park. Therefore, in my proposal, I considered building a new underground car park with a capacity of 224 parking spaces. I designed two apartment buildings on the territory, which are connected by a common underground floor. The new apartment building is designed to bring something modern and new to the city and at the same time not to disturb the environment with the existing apartment buildings. The facade is designed to be as simple as possible to other existing buildings in the area.

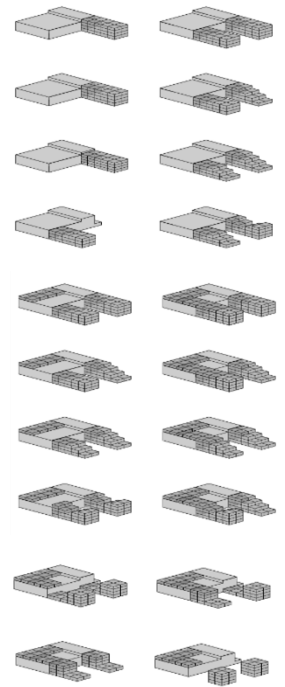
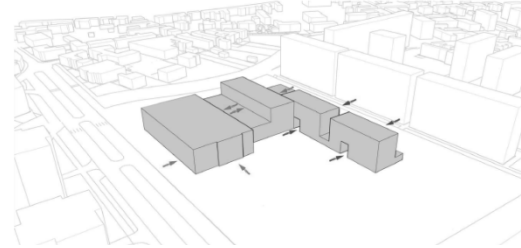
The main idea in the design was to modernize the existing Prior department store so that the building would attract more people. Also make the department store building more open and clear. However, it is especially more appropriate to use its premises. The premises of the operations are separated from the premises of the technical and economic background so that there is no movement of unauthorized persons. Entrances to buildings and movement in buildings is barrier-free.



PŮVODNÝ / AKTUÁLNÝ STAV



NÁVRH

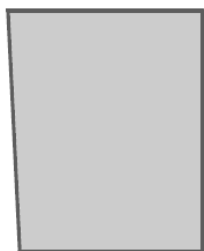
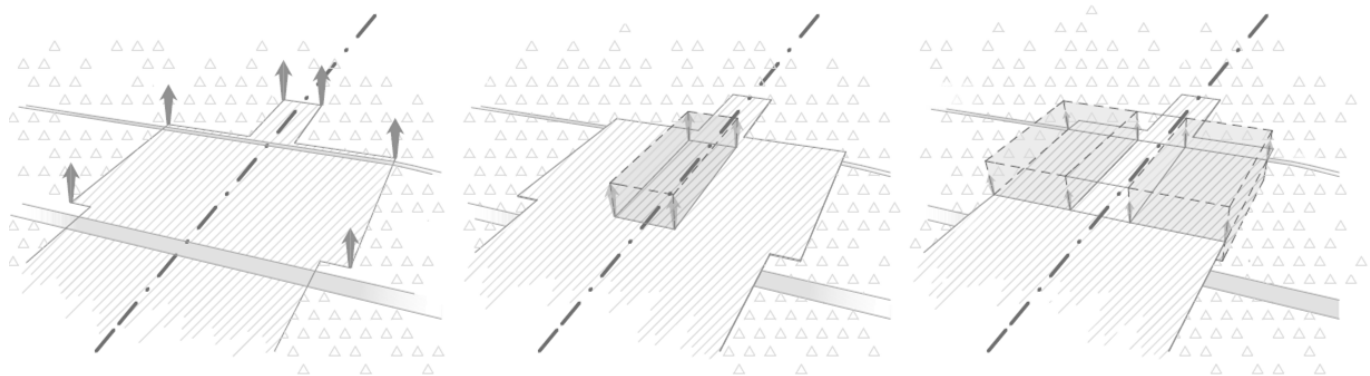


## National Congress Centre in Bratislava

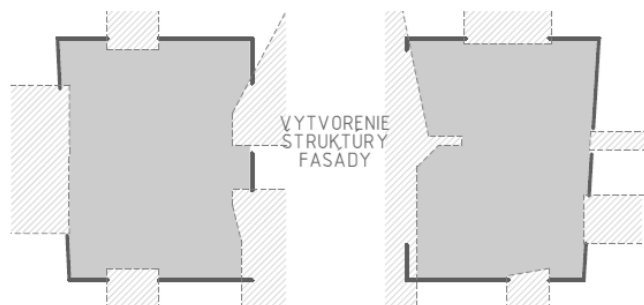
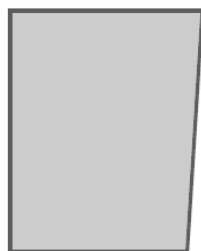


**Ing. Peter Králik**

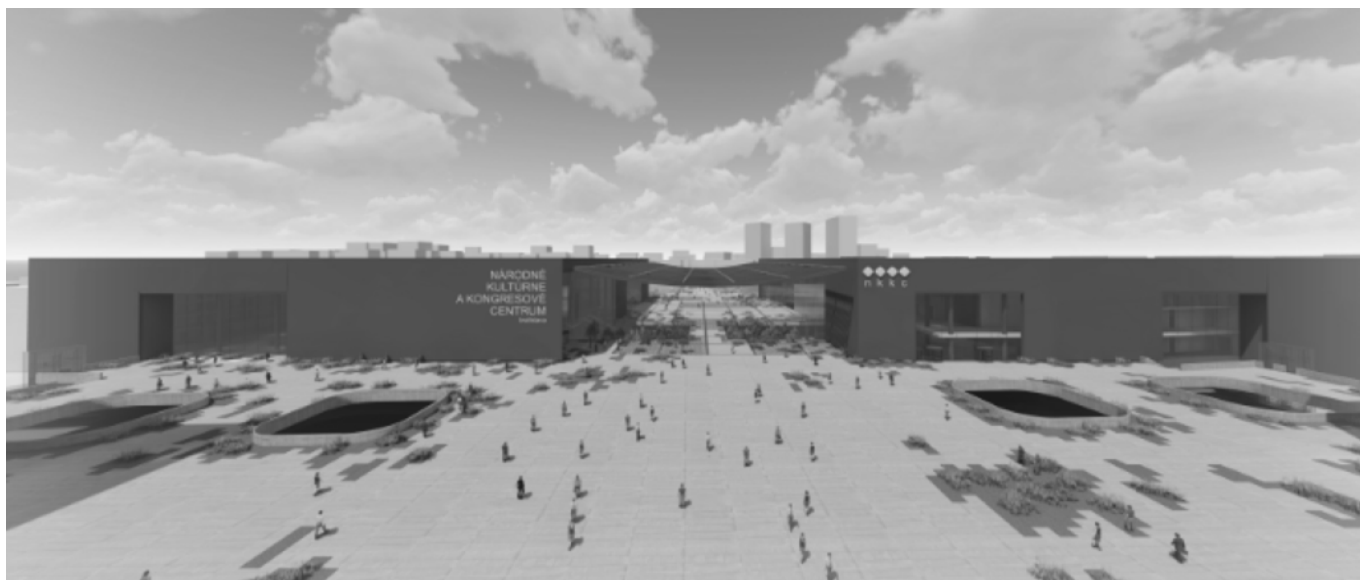
The work deals with the project of the National Congress Center in Bratislava, in the Petržalka district. The assignment was to solve the design of a new National Cultural and Congress Center in Bratislava. It was based on the requirements of the civic association "National Cultural and Congress Center", which is trying to build a new congress center. Bratislava, as the only metropolis in Europe, does not have the space to organize major cultural national and international events. Part of the design was the incorporation of requirements, the design of the mass of the building, as well as the design of structural, urban and artistic solutions. The building itself offers more than 24,000 square meters of exhibition space for organizing cultural, scientific, sports, music or educational events.



ZÁKLADNÝ  
MODEL



VYTVORENIE  
STRUKTÚRY  
FASADY



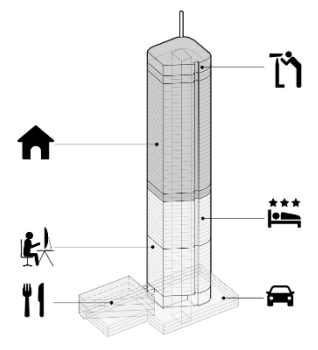
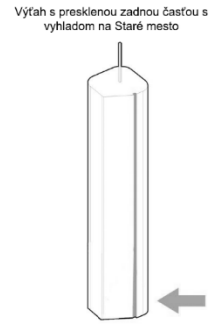
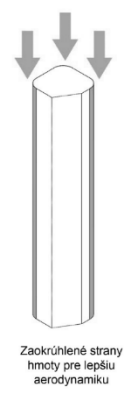
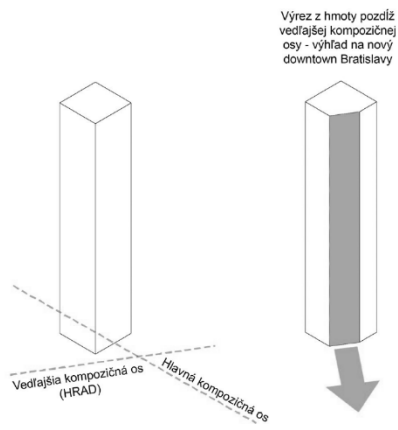
## High-rise building in Bratislava – Petržalka

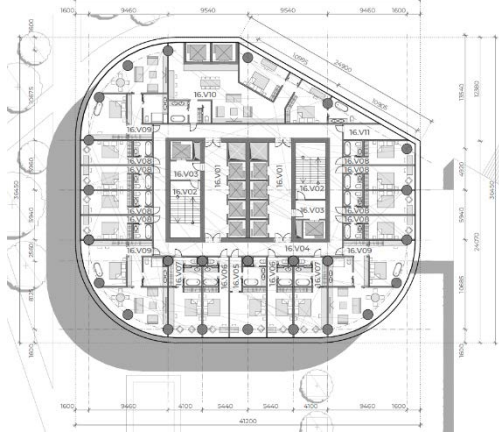
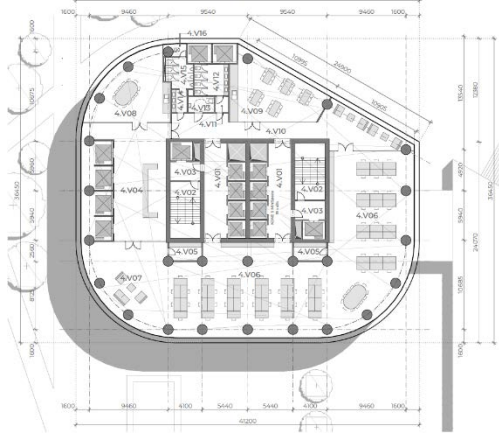
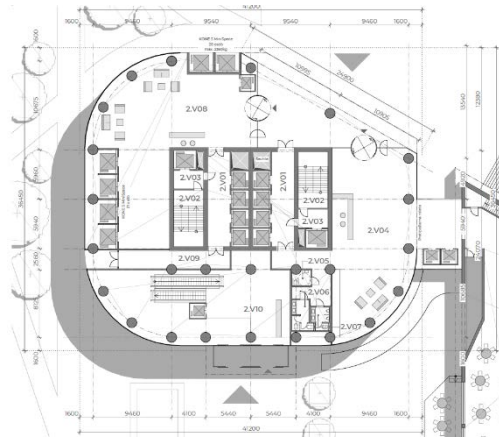


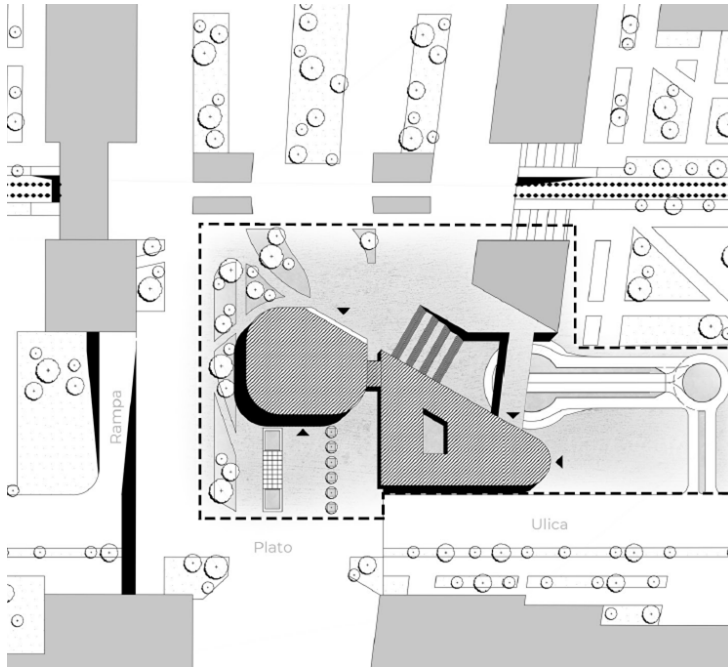
**Ing. Nikolas Križan**

Project deals with a complex architectural design of a multifunctional high-rise building in Bratislava Petržalka in the area called "New Lido". The first part of work deals with the history of high-rise buildings and the current state of affairs in Slovakia and abroad. The second chapter presents reference buildings. The third chapter describes the objectives of the final work. The fourth chapter contains a typological preparation. In the fifth and sixth chapters is the solution of the project in terms of architecture, statics, structures, technical equipment and fire safety of the building. The last chapter summarizes the achieved results and evaluates the project.







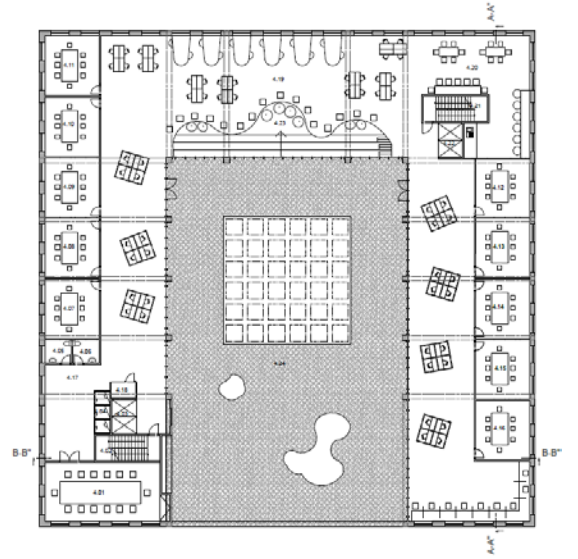
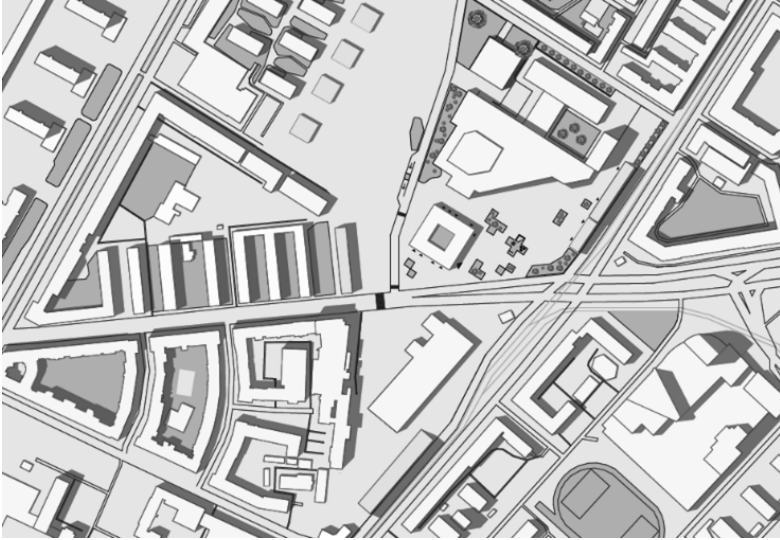


## Polyfunctional building in Trnavské Mýto, Bratislava



**Ing. Marek Kríž**

The topic of this project was to bring life to a neglected part of the capital city with great potential. The surroundings of Trnavské mýto experienced their expansion, but the functions of the individual spaces eventually couldn't be functionally maintained. Today, the surroundings are unmaintained, buildings are not used and those that are at least partially in operation are not used for their capacity. In my work I tried to focus not only from a typological point of view within the building, but also from the point of view of urbanism. In the proposal, I am considering the completion of the space in front of the New Market Square, on Istropolis Square, as well as in the Scope of the Branch. I am considering the planned underground railway station. The main subject of this work is the installation of a multi-purpose hotel on the site of an inappropriately chosen parking lot in front of the Istropolis building, thus creating space for the needs of modern society and thus reviving this place despite keeping the historic buildings.



## Multifunctional Architecture, Paris



**Ing. Simona Ladňáková**

The aim of this project was to create a multifunctional center while respecting the existing buildings of historical significance, while protecting all technical requirements.

Great emphasis is placed on the analysis of the area in which the center was incorporated. The history of the site will bring us closer to the character and purpose of the original construction, and helps us to create broader relationships.

Thorough analyzes of current issues in the area were the starting point for determining the problems and limits, whether the transport connection and the need to divert roads, or the very absence of services and facilities.

Connection of all output analyzes, compiled proposal of a complex solution of the former industrial area. The building focuses on not trying to draw attention to itself, but it's storey and spatial arrangement of the decisive condition of the historic villa as the dominant feature of the area. The center is a place with recreation, sports, relaxation, rest, education and cultural activities. They form a wide range of services and business operations, cultural and educational needs, subsidized public public space with several ornamental greens. It tries to connect people of different cultures and gives opportunities to promising but also well-known artists.

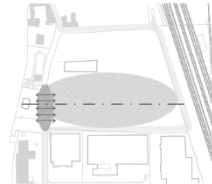
Center members from two underground and one above-ground floor. In the underground sources there are parking spaces, warehouses, technical premises, entrances to multifunctional operations, communication cores, central supply, hygienic facilities and operation of trade and services.



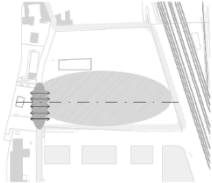
01. Hlavná kompozitná os, ktorej dĺžkou je historická vila



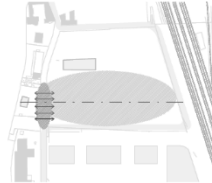
02. Prepojenie úrovní vevne k odlišnou okolujúcej komunikácie



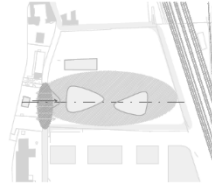
03. Potreba vyčistenia spoločenského priestoru a zabezpečenie služieb, ktoré v ňom poskytujú



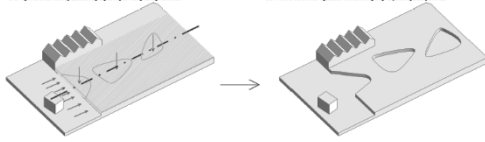
04. Vyčistenie novou skladbou bytov a nabytových funkcií



05. Nové funkčné využitia historických vily a prístupných hál



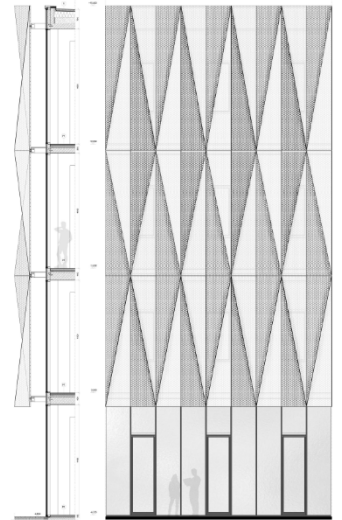
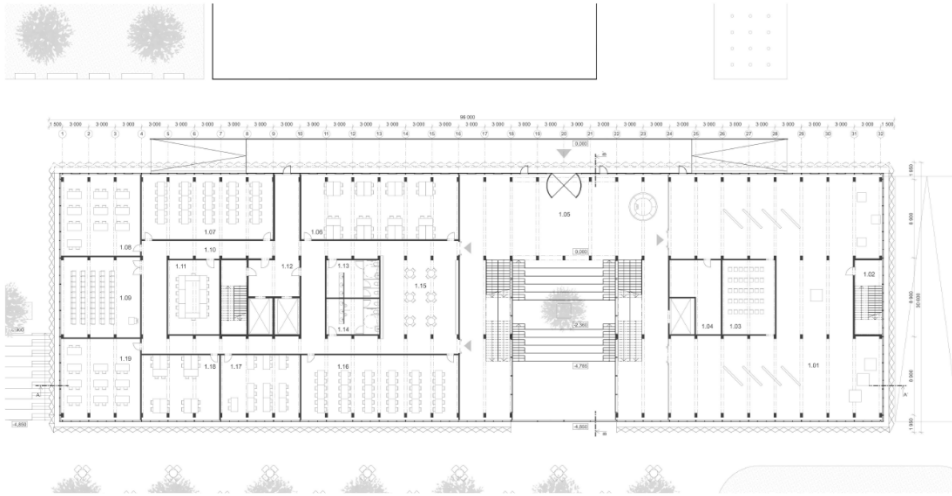
06. Vyčistenie vstupov a obrátov do podzemnej časti



**Campus STU, Bratislava****Ing. Viktória Miklósová**

The goal of this project is to develop a proposal for the transformation of the courtyard of the STU campus in Bratislava. The area is delimited by the Námestie slobody, Kollárovo námestie, Radlínskeho and Starohorská streets. It is located between the buildings of the Faculty of Civil Engineering, the Faculty of Mechanical Engineering and the Faculty of Chemical and Food Technology. My goal is to open the area, connect with the main public spaces such as Námestie slobody and Radlínskeho street, and achieve a connection between the main communication and social areas of the faculty buildings, both at ground level and in static traffic. The campus and the building are to serve students, pedagogues, researchers and employees of STU, as well as experts from practice, self-government and the public. The building is to include the innovative STU science center, rector's offices, educational, social, multi-purpose and leisure spaces, both indoors and outdoors.



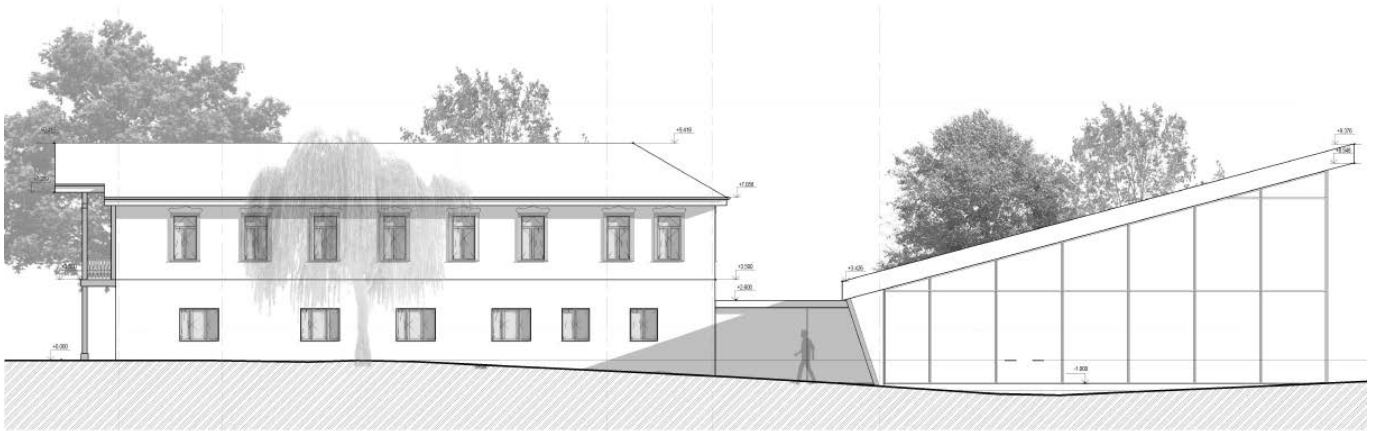


## Revitalization of the Brusno Spa



**Ing. Aneta Mišányová**

The aim of this work was to check and draw up a proposal for the revitalization of the national cultural monument - spa house called Vepor, which is situated in the area of the Brusno Spa. The urban analysis of the area points to the fact that the Brusno Spa has its potential not only in natural mineral springs and their healing effects but also in unused historic buildings and the nearby spa park. Together with the connection to the existing buildings in this area, which complement each other appropriately, these historic buildings provide a place for further development of tourism, culture, and job creation. This proposal focuses on modifying the layout of the original Vepor Spa House for the needs of the current guests, as guests of accommodation and as well as guests of thermal procedures of spa care. The material solution of the building is based on the idea of resumption of the original appearance of the historical building maintaining its original shapes and functions while it is combined with modern articles, suitable for people in 21st century.

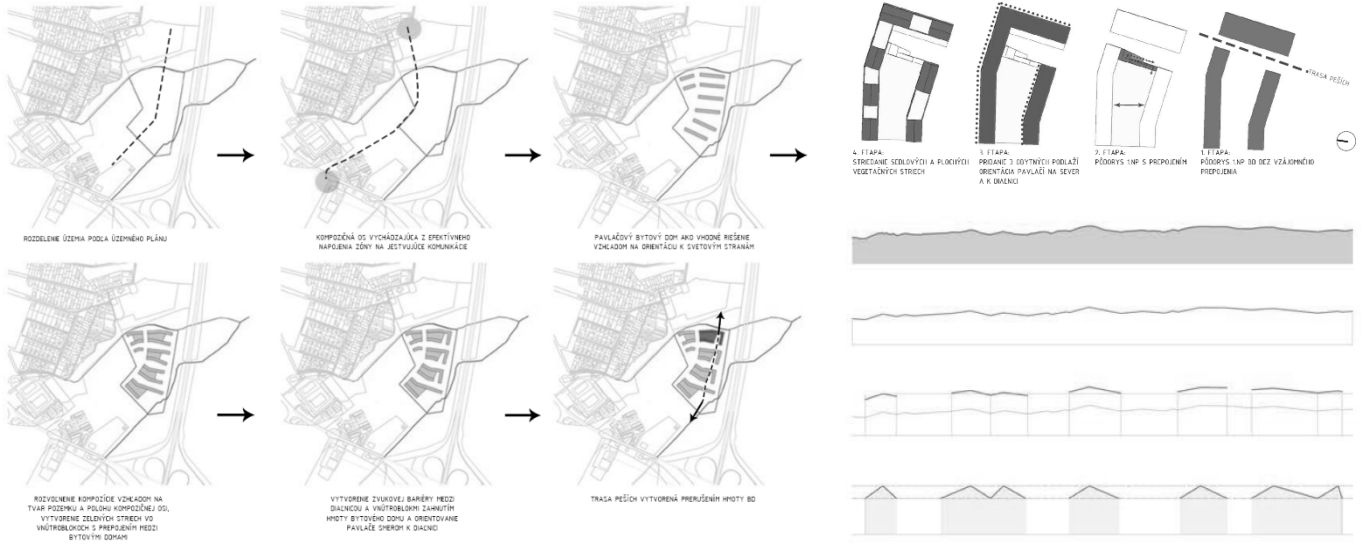


## Social housing, Malacky



**Ing. Zuzana Nemcová**

The main aim of this project was the design of an apartment building with multifunctional in a new urban zone in the town of Malacky. It was necessary for the object to meet the requirements of applicable technical standards, regulations and typological principles. The task was for the object to fit into the natural environment of flat pine forests. It was necessary to take into account the valid zoning plan of the city of Malacky, and thus its regulations, which were the input for the spatial-material design of the apartment building. Special attention also had to be paid to public space, walking routes and community housing. The apartment building must respond to the shape and location of the land. Since the topic of rental and social housing has not been sufficiently addressed by the company so far, the task of this work was to approach the issue and bring appropriate solutions that could be a model for the design of this type of housing in the future.



## Winery and recreational centre, Pezinok



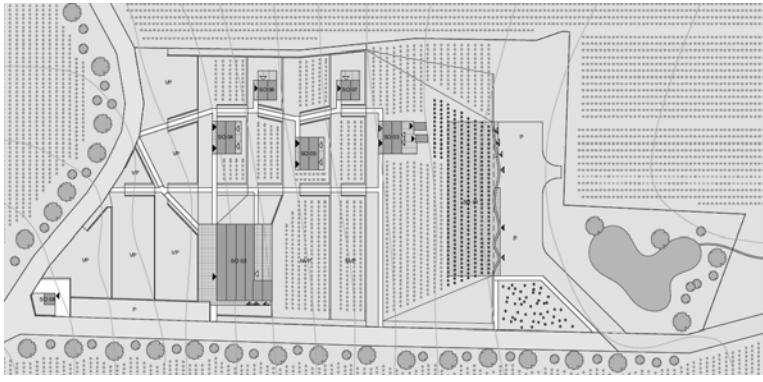
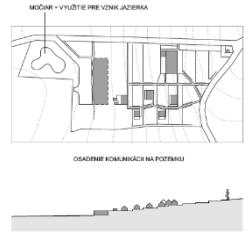
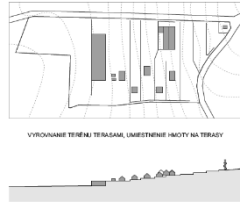
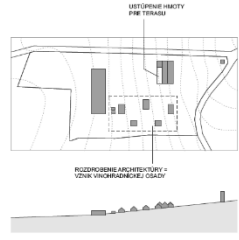
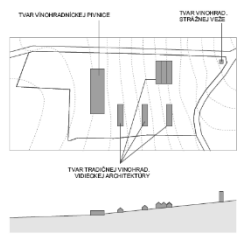
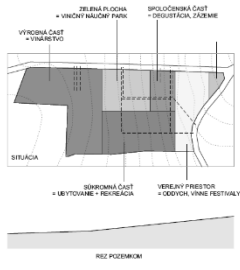
**Ing. Jozef Petrík**

The goal of the project is to design a winery and other associated facilities, the complex of which creates a cognitive and recreational wine center for a wide wine-growing region of Pezinok and its surroundings.

The building is located in the historic area of vineyards northwest of Pezinok, frequented by tourists, on the land of extinct vineyards. The design works sensitively with the landscape and naturally follows it in the form of the restoration of vineyards on the land, including the stone vineyard terraces, on which the individual buildings are located.

The main idea of the design is to fragment the architecture according to its function into smaller buildings, which urbanistically create a small wine-growing settlement in the middle of the vineyards. The largest winery building, located at the bottom of the slope, is incorporated into the stone terrace so as not to disturb the views of the landscape, which is helped by a green flat roof. There are spaces for wine production, wine storage, facilities for employees as well as a small shop, from where it is possible to take a tour of the wine production process.

The most distinctive building is the object of the tasting hall, which also serves as a background for tourists, which includes a viewing terrace to the vineyards. The hall can also be used multifunctionally for events of various kinds. The private part of the land consists of four buildings for accommodation with a terrace, which direct the views of Pezinok and vineyards. The private part also includes a smaller building designed for wellness. In the highest part of the land there is a lookout tower, which also serves as a landmark tourist point. All buildings, except the winery and the lookout tower, cite the rough shape of traditional wine-growing houses with a longitudinal floor plan and a gabled roof. From an urban point of view, the work uses the proposed stone terraces as public spaces for wine festivals and other events, rest areas or a vineyard park.



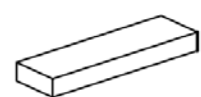
## Hotel, Terchová



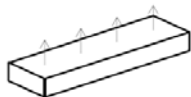
**Ing. Romana Sekáčová**

The main goal of this project was to design a mountain hotel in the area known as the tourist centre of the Little Fatra, Terchova. The landed estate is situated directly at the entrance to the most beautiful hiking paths in Slovakia, Jánošík's Holes. The main idea of my work was to create a hotel with distinctive housing in nature, consisting of several smaller objects stretching on the hill, which would reflect the original Terchova settlements, characteristic of the territory. The important point of the work was to maintain harmony between traditional and modern architecture, private and public space along with efficiency and aesthetics, everything with an emphasis on the effective use of land and its preferred orientation with the views offered. In the design, I focused on complying with typological standards, the aesthetic shape of the building, and functional operation with the elements of sustainable and ecological architecture.

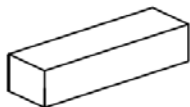




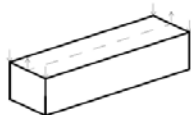
Jednoduchý tvar\_ možnosť modulov, prístrešenie  
klasický tvar terčovských dachov



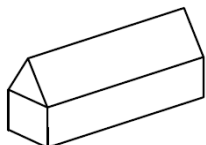
rozšírenie tvaru



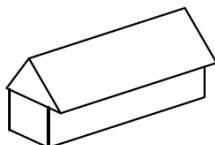
hmotový koncept - rozšírenie tvaru



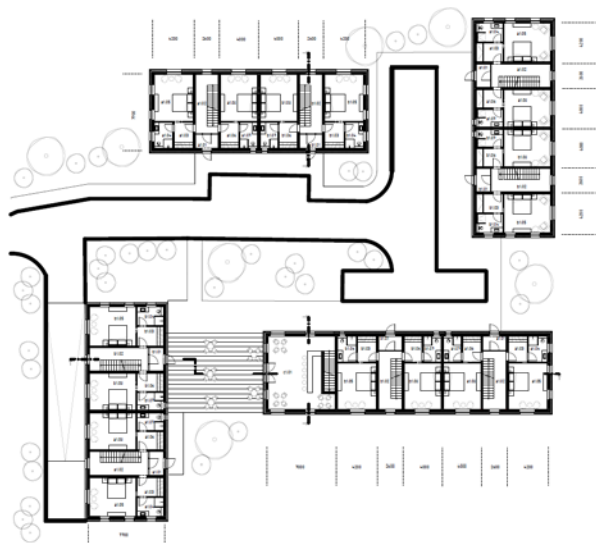
zmena tvaru strechy\_prvek tradičnej architektúry  
sedlová strecha



hmotový koncept\_doplnenie prvkov tradičnej architektúry



výsledný hmotový koncept  
s prvkami tradičnej terčovskej architektúry



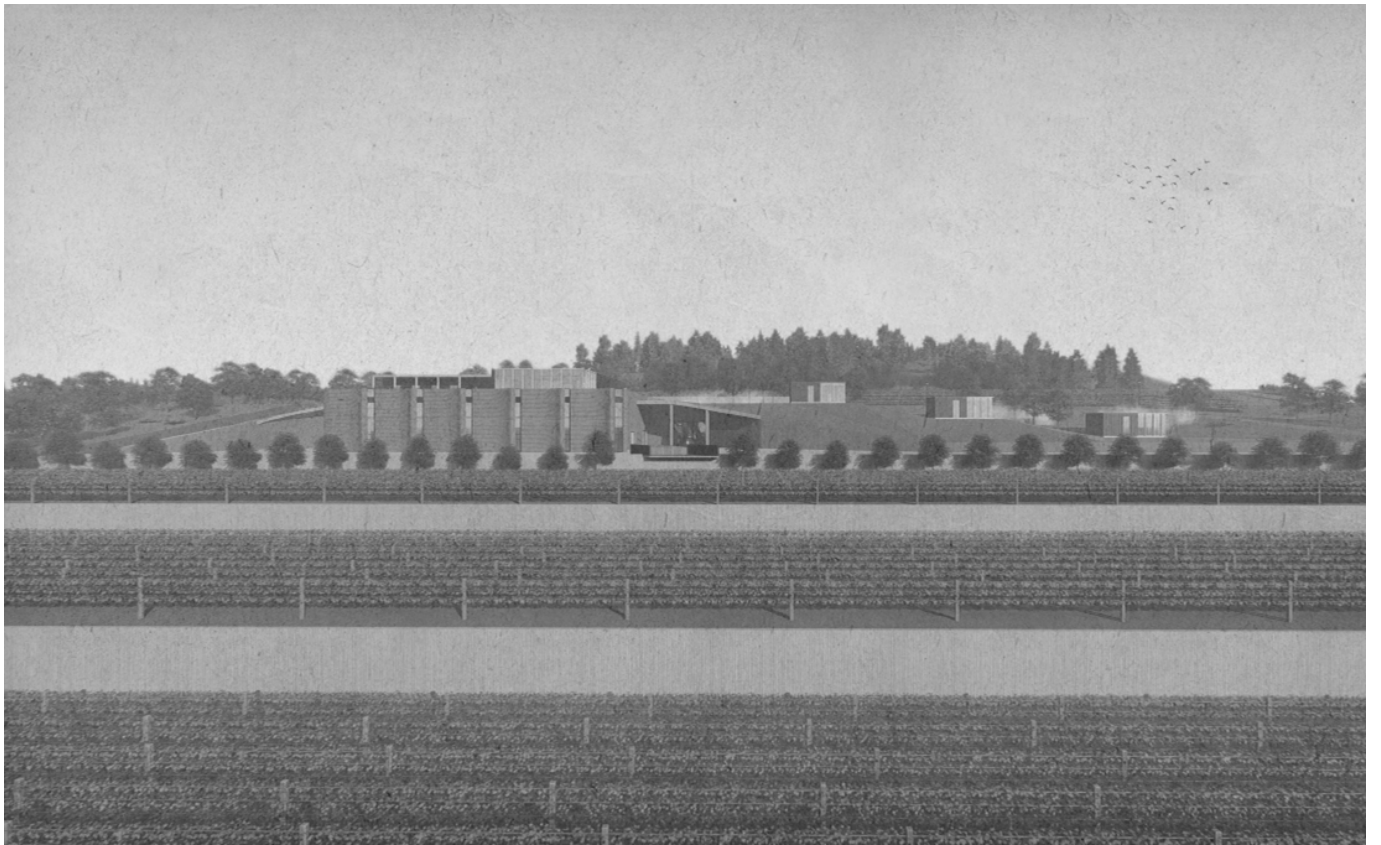
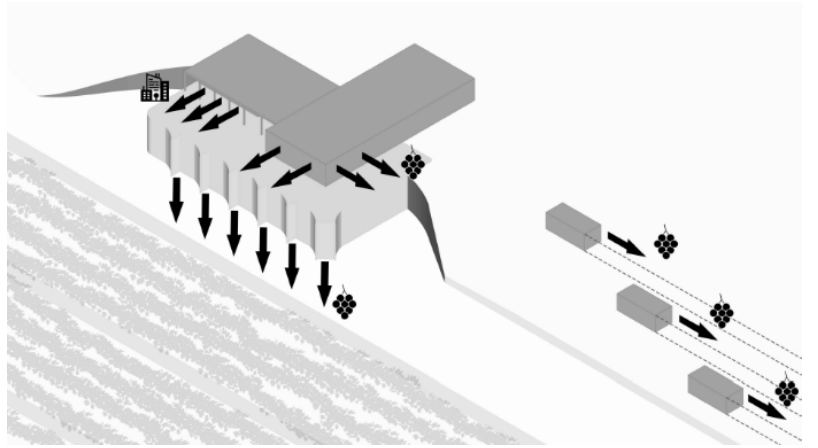
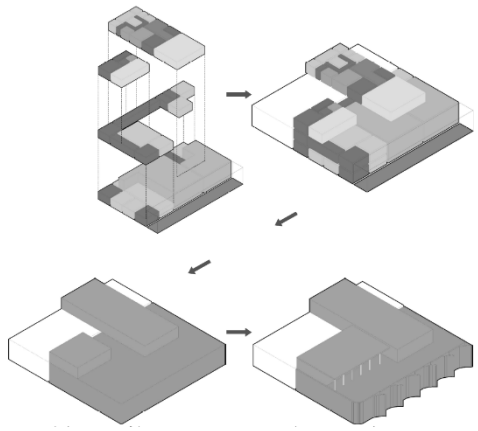
## Winery, Bratislava



**Ing. Marek Stračina**

The assignment of the work was to develop an architectural design of winery in the historical area of the Little Carpathians above the city of Bratislava.

Before the actual design of the winery, I thoroughly studied the issue of grape processing and the entire wine production process. Then I studied several interesting realizations of wineries in our country and abroad, from which I adopted interesting and functional elements. Later, after visiting the site and analyzing the area, I started designing a suitable type of winery for the area. Based on the analyses, I decided for the potential of the area to incorporate a restaurant with a view of Bratislava and several accommodation houses with views of the vineyards into the winery. Nevertheless, the priority of the project remains the winery and its wine production. Therefore, I decided for the dominant architectural design of a part of the winery building with industrial production and leave the associated functions in the background of the main function. I tried to design the buildings so that it offers visitors varied views of the surroundings at every opportunity, and I added an experiential tour of wine production to its tasting. The design also includes the modification of the surroundings and existing vineyards.



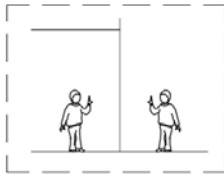
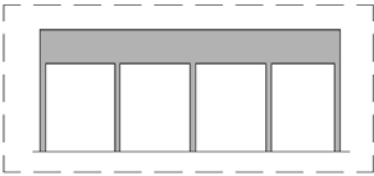
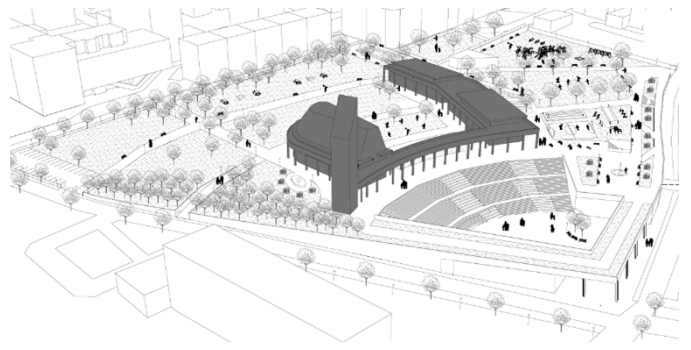
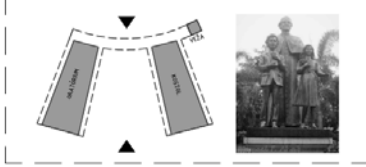
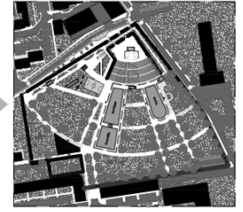
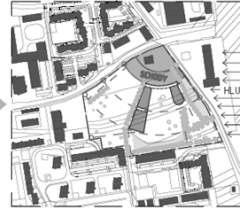
## Church, Bratislava



**Ing. Lukáš Suržin**

The aim of this project is to design a church within the concept of the Salesian Center in the environment of the designed community park in the north of the Dúbravka district in Bratislava. It is located in between Dúbravčická, Na vrátkach and Nejedlého streets. The community park will be fenced with a green dense fence in the southern part and a retaining wall in the northern part. Locking the park in the evening will ensure its security.

At the northern point of the park near the crossroads, a small square with a few shops is created. In the square there is also a water-supply tank which is covered around the perimeter by a high green fence, and in case it could be removed, there will be a space for greenery in its place. The square is surrounded by an all-terrain staircase, which also serves as an amphitheater seating overlooking the square and at the same time it dignifies an entrance to the exterior of the Salesian Center. In designed park there are also the functions: a sports fields, an outdoor fitness, a playground, a closed enclosure for dogs, in their center the cafe and in the south there are rentable grills with picnic seating. The concept of the Salesian Center is divided into individual objects: an oratory (pastoral center), a gym, a church and a bell tower. All buildings are connected by a colonnade. The task was to look for a possible solution without fencing. The building of the church and the bell tower were separated as individual buildings. These are separated to use the space of the church to celebrate the joyful form of the liturgy, while a rather peaceful spiritual character takes place in the bell tower. The tower is also used as a library with religious literature and a lookout on the surrounding.



## New construction of administrative building, Istropolis complex, Bratislava



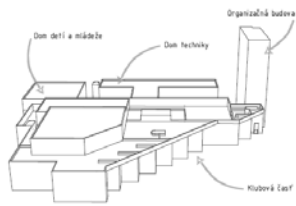
**Ing. Zuzana Šišková**

The topic of this work is the solution of one of the notorious problems of the Bratislava urban focal points of the Trnavské mýto and its wider surroundings. Spatially unclear space with important solitaires: Market hall - Tržnica (I. Matušík), housing construction - Unitas (F. Weinwurm) and the complex of the House of Unions - Istropolis (F. Konček, I. Skoček, Ľ. Titl). The current development plan in this area envisages the construction of a new ensemble at the cost of demolishing the important architectural and cultural-social landmark of Istropolis, a significant and valuable architecture of late modernity. This diploma thesis focuses on a different, alternative approach to the cultivation and composition of this heterogeneous, important urban and transport hub. The new concept envisages the preservation and revitalization of the architecture of the House of Unions, and brings new buildings and sets of a multifunctional nature, administration and housing. Part of the design is the ideological location of the new railway terminal station Bratislava Filiálka.

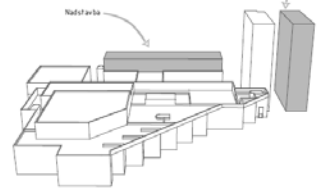
In my project I deal more closely with the issue of the coexistence of important architecture of the last century and contemporary architecture. The subject of the solution is the intensification and a new design of administrative workplaces within the Istropolis complex. This is a multiplication of workplaces within a new building, in the vicinity of the existing high-rise administrative building of the complex. In addition to the use of the functional potential of the new building and its connection with the existing mass of the high-level administration, I also focus on the architectural character of the newly designed mass. Part of the design was the search for expression, silhouette, proportions and other possible features of architectural morphology, which indicate the degree of kinship, but also the autonomy of the existing important representative of architecture of the 80s of the 20th century.



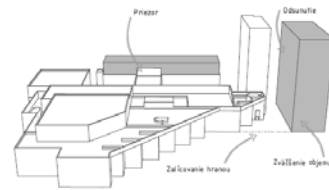
PŮVODNÁ HMOTA DOMU ODBORŮV



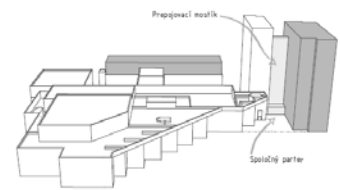
PRIDANIE NADSTAVBY  
DUPLIKOVANIE HMOTY VÝŠKOVEJ BUDOVOY



VYTvoreNIE PRIEZORU  
ODSUNUTIE NOVEJ HMOTY A ZVÄČŠENIE OBJEMU



VYTvoreNIE PARTERA  
PRIDANIE SPOJOVACIEHO "MOSTÍKA"



## Polyfunctional architecture in Saint Denis, Paris



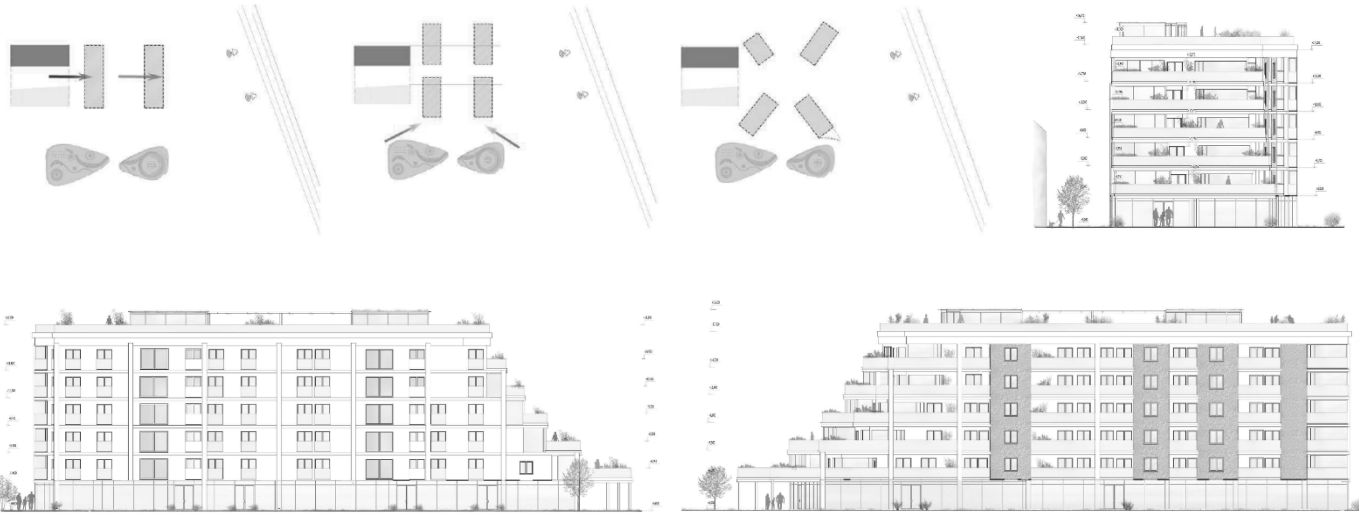
**Ing. Juliana Tafernerová**

The main goals of this project was transformation of industrial zone of city Saint Denis into zone of housing and amenities. The competition was announced by Isover Saint- Gobain Multi Comfort House Students Contest 2020. In my proposal I transform north part of area, I divided land into two parts. One of them is created for nursery and it's located on west side of land. Another part of area is complex of apartment house. Proposal of my apartment house is create terraced house. Terraces are turned to south.

The main goals was to create green architecture. This sight is created on facade, balcony and extensive green on roof. This elements create contrast to past industrials years in Saint Denis. It s not only estetic funciton, but also anti-noise and shielding function applied on walls.

Part of proposal is also create functional urbanism. On the east side is designed new road. On the north is transform crossroad into roundabout. Zone of nursery on the west and zone of housing on the east. Between apartments houses is created assembly space.





## Two polyfunctional residential buildings in Bratislava - Petržalka

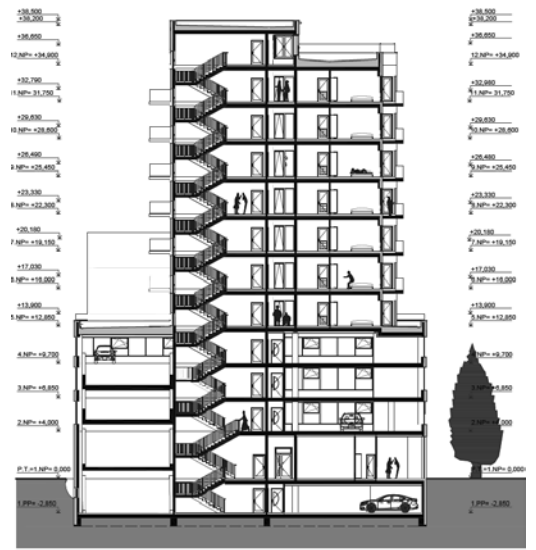
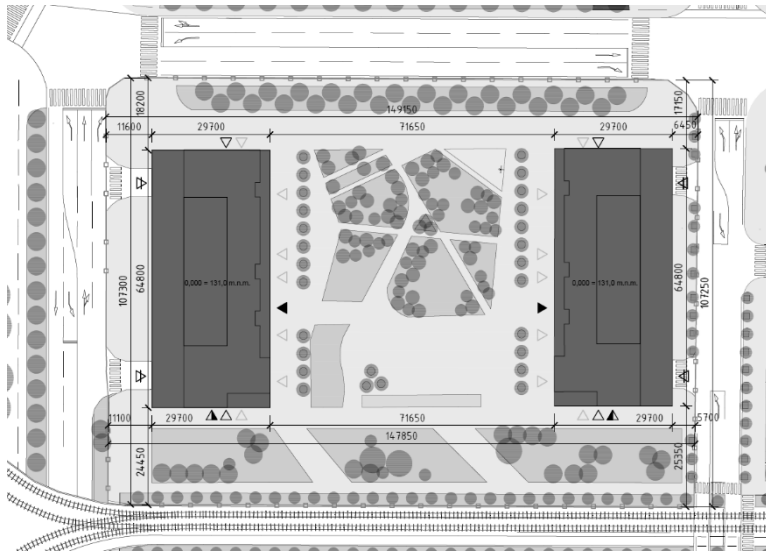


**Ing. Kristína Tomašíková**

The aim of my work was the design of two multifunctional apartment buildings in the development part of Petržalka. Within this study a basis was created for subsequent processing of architectural design of multifunctional apartment buildings. First of all, together with the team of Tereza Kralovičová, Katarína Lexmanová and Peter Králik worked on creating a proposal for an urban study of the zone and public space in the development part of Petržalka "Nové Lido." for the preservation of existing buildings and for the design of new buildings intended either for housing, recreation, such as office buildings or multifunctional buildings. The proposal also addresses the transport network (service roads, sidewalks, bike paths, public transport and rail transport), which is connected to existing transport equipment.

The implementation of the national congress center, which is located in the northern part, in close contact with the residential development and with the location of the height dominant of the solved area, is being considered in a targeted manner. The congress center and the height dominant in the design form the main compositional axis

of the solved zone. This composite axis can be extended towards the SND. When dealing with traffic in a given zone, the creation of a port for passenger shipping on the Danube is being considered, by running a tram line through the given territory. This line will also serve as a service line for the University of Economics, which is located near the zone. As far as rail transport is concerned, in the proposal we plan to create a small railway station for suburban and city-wide train transport. This station will be located on an existing railway line. The mentioned solution presupposes the gradual liquidation of the disordered state in this area and the complex location of individual urban functions. My project deals with the function of housing in a given area and consists in the design of two multifunctional apartment buildings of the corridor type. My intention was to create comfortable housing in the city for all categories of people, which means that individual housing units can serve as start-up housing, housing for families with children, students or seniors.



## Polyfunctional building in Trnavské Mýto, Bratislava



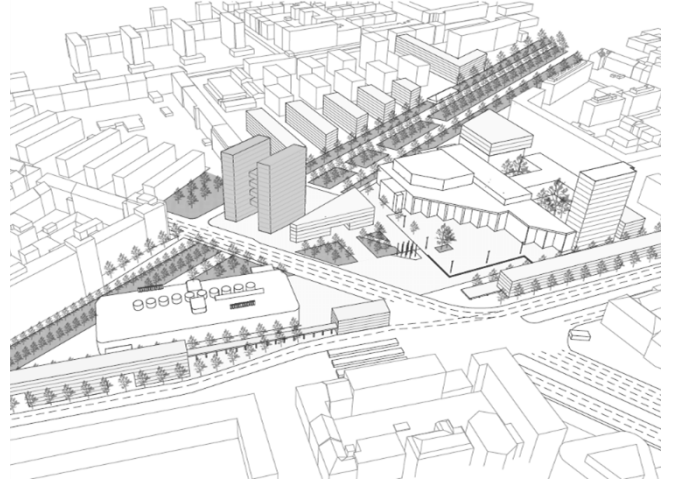
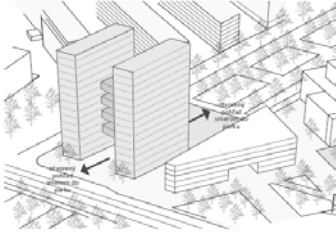
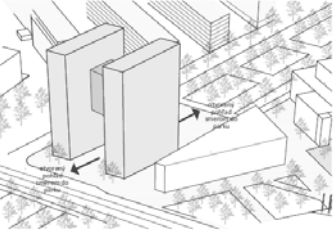
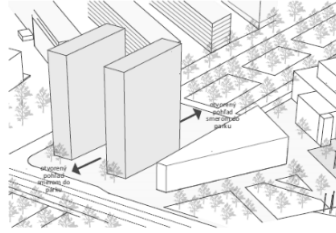
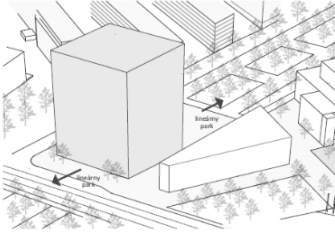
**Ing. Mária Vavrová**

The subject of this work is the design of a multifunctional building in the Trnavské mýto, which will co-create the identity of this important urban space. Along with the design of the new building, it is necessary to create a concept of transport solutions, green areas, artworks and other elements of public spaces that will contribute to the revitalization of the area. Trnavské mýto is located in the central part of the capital city Slovakia and forms one of the main transport hubs in Bratislava.

The multifunctional building is part of the proposed complex at Trnavský mýto and is located in an existing development. There are two very important architectural objects in the vicinity: Dom odborov - Istropolis (F.Konček, I.Skoček, L.Titl) and Nová tržnica (I.Matušík).

In recent years, more and more emphasis has been placed on the urbanism of public space, where the surrounding buildings are also an integral part. However, these must be designed with respect for the surrounding space. We must not forget the greenery, which is very important and is part of the urbanization of the area.

The aim of this project was to design a new multifunctional building, which will be installed in the area of the renewed railway station Filiálka and will form a pleasant urban complex with more greenery and public spaces. The multifunctional office building is located above the underground station in part of the station hall. This building is situated in the middle of the newly created linear park, where they form the dominant feature of Trnavské mýto.

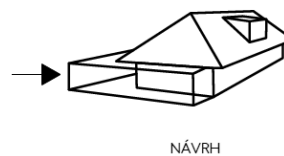
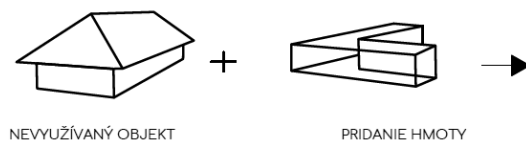
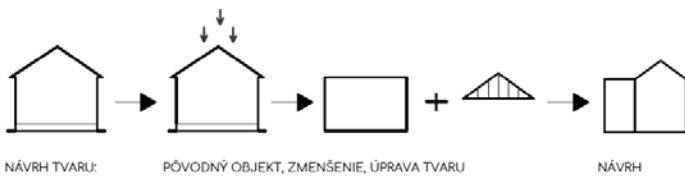
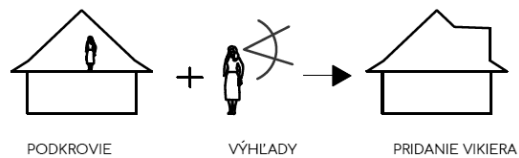
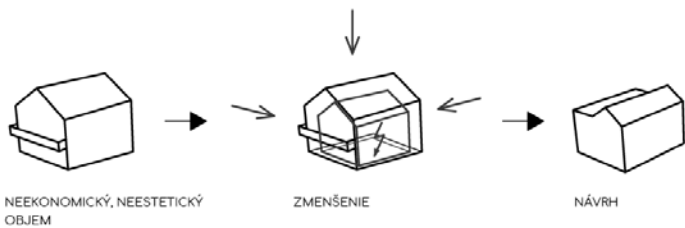


## Bee farm, Hronec



**Ing. Soňa Zvarová**

The subject of the project was a proposal for a specific situation in the locality of Hronec bee farm. In the urban concept of transport relations, use the proximity of the Čierno-Hronská railway. In the design of the bee farm area, we consider spaces for excursions for visitors as well as for training courses with the appropriate economic background. After analyzing the area and the issue, I chose to preserve the original buildings, which in the past served as the background of the farm. In my work, I paid attention to many requirements, such as accessibility, preservation of tradition, the creation of a new railway station and thus the connection with the tourism of the valley. There are two buildings on the plot, a house from 1920 and a house from 1980, and a new creation by connecting with a shelter, so that the transition can be in any weather. The newer building has created an apartment for the owner but also an administrative background for the operation of a bee farm, with space for employees. In the older building there is a background for a bee farm, where, however, there can be an excursion or training of new beekeepers and there is also a cafe with a view and the opportunity to observe the surrounding countryside.



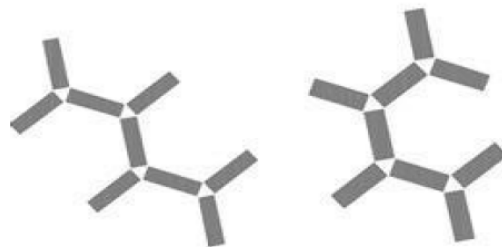
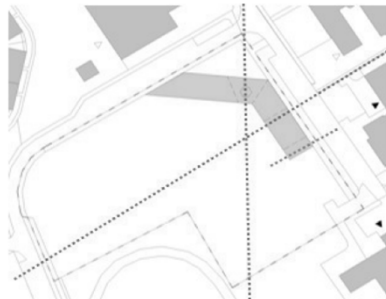
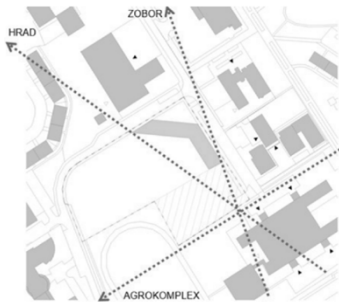
## Multifunctional center in city Nitra



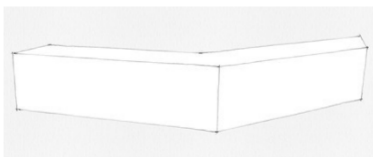
**Ing. Stanislava Zverinová**

The aim of this work is to design an architectural solution for the building of a multifunctional center, which is to serve the general public for public gatherings but also for business purposes in the administrative part of the building. My effort was to solve the area so that the building fit into the surrounding building as much as possible and did not disturb the appearance of the street. The building of the multifunctional center is located near the Agrokomplex Exhibition Grounds on Fatranská Street. In the immediate vicinity is a primary school and medical facilities.

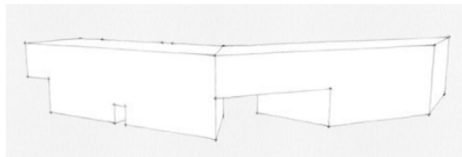




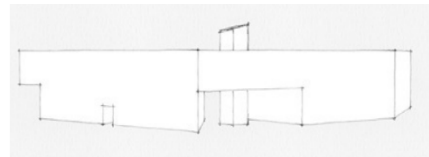
INŠPIRÁCIE TVAROV HMOTY - VYBRANÁ LEN ČASŤ TVARU



1 - ZÁKLADNÝ TVAR HMOTY



2 - TVAR S VYTVORENÝMI PRECHODMI CEZ OBJEKT



3 - TVAR S VYTVORENÍM DOMINANTY NA OBJEKTY, KTORÁ SLUŽÍ AKO VYSTUP DO ADMINISTRATÍVNEJ ČASŤI



## Future of thinking game

What comes next. Terms of Contextuality and Conceptuality in Architecture are not the only way in architectural thinking. There are many thinking directions based on optimization process and complex data processing.

Challenges awaits and suitable optimized method can help in difficult conditions of building design process. Importance of a role of architecture in technical and economic sphere leads to humanization and sustainability for and valuable and durable proposals.

Different attitudes demonstrated against context corresponding to the periods of “Modernism”, “Post Modernism” and “Deconstructivism” has been brought to the present and extensions/provisions of these attitudes are conveyed to contemporary discourse. Contemporary contextual architecture is scrutinized in relation to design activity and design product and related background is interpreted. Accordingly, guidelines, strategies of contextual design, architectural habits and extensions from the past are critically discussed. The general considerations about the direction of architectural design also contribute to the regular debates and discussions in

the commissions. (Çizgen, Gültekin, Rethinking the Role of Context and Contextualism in Architecture and Design, 2012)

Scientific approach to creative way of data procession can be the key to understanding challenges of near future. Optimization of design based on scientific method such as simulation, virtual model or social evaluation can connect technical and individual approach to architecture. Such an enrichment can develop valuable and sustainable architecture.

Optimized design is difficult in terms of professional skill and knowledge evaluation. Thinking game of future architecture design can help manage the deepness of big data processing or independent data based network intervention to human environment.